

# How Ready Am I?

Name \_\_\_\_\_

1. What number completes the pattern?

451, 461, 471, 481, \_\_\_\_\_

A. 482

B. 491

C. 501

D. 581

2. What number completes the pattern?

176, 276, 376, \_\_\_\_\_, 576

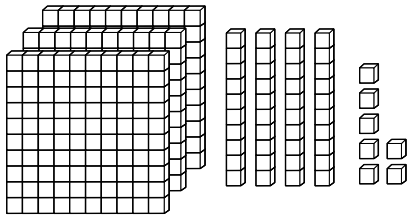
A. 377

B. 386

C. 476

D. 477

3. Which number do the base-ten blocks show?



A. 347

B. 437

C. 734

D. 743

4. Which of these shows a way to adjust numbers to add  $25 + 18$ ?

A.  $30 + 16$

B.  $23 + 20$

C.  $20 + 13$

D.  $30 + 29$

5. Which of these shows how to decompose both addends to add  $54 + 63$ ?

- A.  $40 + 30 + 5 + 6$                       B.  $63 + 50 + 4 + 3$   
C.  $60 + 30 + 50 + 40$                       D.  $50 + 60 + 4 + 3$

6. What is the sum of  $30 + 6$ ?

- A. 9                      B. 24                      C. 36                      D. 44

7. What number is 10 more than 47?

- A. 37                      B. 48                      C. 57                      D. 147

8. What is the sum of  $58 + 34$ ?

- A. 81                      B. 88                      C. 91                      D. 92

9. Caleb has 19 stickers. He buys 35 more stickers. How many stickers does Caleb have now?

- A. 44 stickers                      B. 53 stickers  
C. 54 stickers                      D. 55 stickers

10. Ginny played tennis for 45 minutes on Saturday. She jogged for 22 minutes on Sunday. How many minutes did she exercise on Saturday and Sunday?

- A. 67 minutes                      B. 68 minutes  
C. 77 minutes                      D. 78 minutes

# Exit Ticket

Name \_\_\_\_\_

1. What is the sum? Use the number line to show your thinking.

$$545 + 10 = \underline{\hspace{2cm}}$$



2. What is the sum?

$$693 + 10 = \underline{\hspace{2cm}}$$

$$717 + 100 = \underline{\hspace{2cm}}$$

3. Emily reads the first 196 pages of a book. Then she reads 10 more pages. A week later, she reads 100 more pages and finishes the book. How many pages are in the book?

## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

1. Which statement is true?

- A. The total number of tens in the sum of  $124 + 345$  is 4.
- B. The total number of tens in the sum of  $237 + 561$  is 7.
- C. The total number of hundreds in the sum of  $156 + 612$  is 6.
- D. The total number of hundreds in the sum of  $418 + 570$  is 9.

2. What is the sum? Use base-ten shorthand to solve.

$$167 + 131 = \underline{\hspace{2cm}}$$

3. The first grade classes at Green Elementary School collect 226 cans for a can drive. The second grade classes collect 353 cans. How many cans do the first and second grade classes collect?

## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

1. Which equations need regrouping? Choose all the correct answers.

A.  $164 + 293 = ?$

B.  $245 + 324 = ?$

C.  $317 + 271 = ?$

D.  $406 + 145 = ?$

2. What is the sum? Use base-ten shorthand to show your work.

$159 + 282 = \underline{\hspace{2cm}}$

hundreds	tens	ones

3. There are 178 red flowers and 186 yellow flowers in a garden. How many red and yellow flowers are in the garden?

## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

1. What is the sum? Decompose both addends to solve.

a.  $149 + 362 = ?$



b. Add hundreds: \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

Add tens: \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

Add ones: \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

c. Add partial sums: \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

2. Garrett's class sold 285 raffle tickets last week and 476 raffle tickets this week. How many raffle tickets did Garrett's class sell during the two weeks? Decompose both addends to solve.

## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

1. How can you decompose one addend to solve?

Choose all the correct answers.

$$534 + 128 = ?$$

- A.  $534 + 100 + 2 + 8$       B.  $534 + 100 + 20 + 8$   
C.  $500 + 30 + 4 + 128$       D.  $500 + 3 + 4 + 128$

2. What is the sum? Decompose one addend to solve.  
Use a number line to show your work.

$$641 + 253 = \underline{\hspace{2cm}}$$

3. A hardware store sold 462 hammers and 319 screwdrivers in a month. How many hammers and screwdrivers did the store sell in a month?  
Decompose one addend to solve.

## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

1. How can you adjust the addends? Choose all the correct answers.

$$456 + 499$$

A.  $460 + 503$

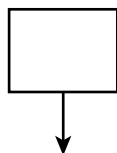
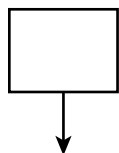
B.  $460 + 495$

C.  $457 + 500$

D.  $455 + 500$

2. How can you adjust addends to find the sum? Fill in the numbers.

$$243 + 598 = ?$$



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

3. Sarah picks 202 blueberries and Maddy picks 327 blueberries. How many blueberries do Sarah and Maddy pick? Adjust the addends to solve.

## Reflect On Your Learning

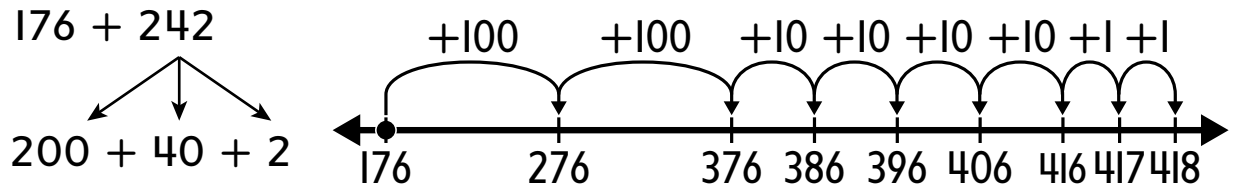




# Exit Ticket

Name \_\_\_\_\_

1. What addition strategies are shown?



- A. adjust addends
- B. decompose both addends
- C. decompose one addend
- D. skip counting

2. Taylor found  $417 + 339 = 756$ . Her work is shown. What addition strategy did Taylor use?

$$\begin{array}{r}
 417 \\
 \swarrow \downarrow \searrow \\
 400 + 10 + 7
 \end{array}
 +
 \begin{array}{r}
 339 = ? \\
 \swarrow \downarrow \searrow \\
 300 + 30 + 9
 \end{array}
 = ?$$

$$\begin{array}{l}
 400 + 300 = 700 \\
 10 + 30 = 40 \\
 7 + 9 = 16 \\
 700 + 40 + 16 = 756
 \end{array}$$

3. There are 502 pictures on Kaden's cell phone. He takes 184 pictures during a field trip. Now how many pictures are on Kaden's phone? Adjust the addends to solve.

## Reflect On Your Learning

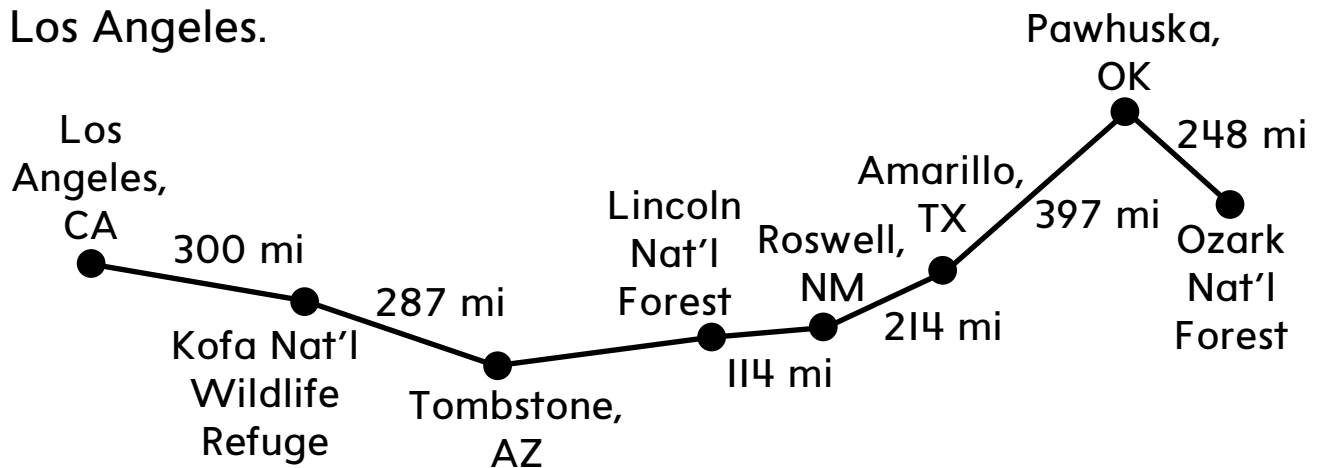


# Performance Task

Name \_\_\_\_\_

## Road Trip

Ezra and his family go on a road trip. They drive across the country. Ezra and his family live in Los Angeles.



### Part A

On Day 1, Ezra's family drives to the Wildlife Refuge. On Day 2, they drive to Tombstone. How many miles do they drive in the first two days? Show your thinking.

### Part B

On Day 3, they drive to Lincoln Forest, which is 80 miles more than the distance they drive on Day 2. How far do they drive in all three days? Show your work.

## **Part C**

On Day 4, Ezra and his family stop in Roswell, New Mexico. Then they drive to Amarillo, Texas. How many miles do they drive in all on Day 4? Use a different strategy to solve the problem. Explain why it is a useful strategy.

## **Part D**

Ezra's family has two more days to travel. They plan to go to Pawhuska, OK the first day and to the Ozark National Forest the last day. How many miles will they drive on the last two days? Use a different strategy to solve the problem. Explain why it is a useful strategy.

# Unit Assessment, Form A

Name \_\_\_\_\_

1. Is the statement true or false?

Circle the correct answer.

*The total number of tens in the sum of  $148 + 234$  is 7.*

True

False

2. How can you decompose one addend?

Choose all the correct answers.

$$489 + 415$$

- A.  $489 + 400 + 1 + 5$
- B.  $489 + 400 + 10 + 5$
- C.  $400 + 8 + 9 + 415$
- D.  $400 + 80 + 9 + 415$

3. What addition strategy is shown?

$  \begin{array}{c}  273 \\  \swarrow \downarrow \searrow \\  200 + 70 + 3  \end{array}  $	$+$	$  \begin{array}{c}  684 = ? \\  \swarrow \downarrow \searrow \\  600 + 80 + 4  \end{array}  $	$= ?$	$200 + 600 = 800$ $70 + 80 = 150$ $3 + 4 = 7$ $800 + 150 + 7 = 957$
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- A. adjust addends
- B. decompose both addends
- C. decompose one addend
- D. skip counting

4. Colleen read 361 pages in a book. She reads 10 more pages. How many pages has Colleen read in all?

- A. 362 pages
- B. 371 pages
- C. 461 pages
- D. 471 pages

5. How can you adjust the addends?

Choose all the correct answers.

$$297 + 602$$

- A.  $300 + 599$
- B.  $300 + 605$
- C.  $295 + 600$
- D.  $299 + 600$

6. Which equations need regrouping?

Choose all the correct answers.

- A.  $217 + 582 = ?$
- B.  $455 + 134 = ?$
- C.  $346 + 471 = ?$
- D.  $263 + 648 = ?$

7. What addition strategy is shown?

- A. adjust addends
- B. decompose both addends
- C. decompose one addend
- D. skip counting

$$\begin{array}{r} 598 + 236 = 834 \\ \boxed{+2} \quad \boxed{-2} \\ \downarrow \quad \downarrow \\ 600 + 234 = 834 \end{array}$$

8. Park rangers count 653 bison and 100 elk at a nature preserve. How many bison and elk do they count?

## Unit 9

### Unit Assessment, Form A (continued)

Name \_\_\_\_\_

9. This month, Trent spends 254 minutes at soccer practice and 186 minutes at soccer games. How much time does Trent spend at soccer practice and soccer games this month? Decompose both addends to solve.

10. What is the sum? Decompose one addend to solve. Use a number line to show your work.

$$544 + 167 = \underline{\hspace{2cm}}$$

11. Stacy sells cars and trucks. She has 378 cars and 245 trucks for sale. What is the total number of cars and trucks Stacy has for sale?

12. What is the sum? Use base-ten shorthand to show your work.

$$432 + 325 = \underline{\hspace{2cm}}$$

hundreds	tens	ones

**13.** There are 194 children and 303 adults at a play. How many people are at the play? Explain two ways to adjust both addends.

**14.** What is the sum? Decompose one addend to solve. Use a number line to show your work.

$$637 + 234 = \underline{\hspace{2cm}}$$

**15.** Tina adds  $426 + 152$  by place value. She decomposes the addends as  $400 + 2 + 6$  and  $100 + 5 + 2$ . Tina says the sum is 515. How do you respond to her?

**16.** Use two different addition strategies to find the sum of  $705 + 283$ . Which strategy do you think is more useful for this equation? Why?

# Unit Assessment, Form B

Name \_\_\_\_\_

1. Is the statement true or false?

Circle the correct answer.

*The total number of tens in the sum of  $234 + 142$  is 7.*

True

False

2. How can you decompose one addend?

Choose all the correct answers.

$$356 + 491$$

A.  $356 + 400 + 90 + 1$

B.  $356 + 400 + 9 + 1$

C.  $300 + 50 + 6 + 491$

D.  $300 + 5 + 6 + 491$

3. What addition strategy is shown?

A. adjust addends

B. decompose both addends

C. decompose one addend

D. skip counting

$$599 + 267 = 866$$

+1

-1

$$600 + 266 = 866$$



4. Xavier has 325 erasers. Then he buys 10 more erasers. How many erasers does Xavier have now?

- A. 326 erasers                      B. 330 erasers  
C. 335 erasers                      D. 425 erasers

5. How can you adjust the addends?  
Choose all the correct answers.

$$198 + 404$$

- A.  $200 + 406$                       B.  $200 + 402$   
C.  $202 + 400$                       D.  $194 + 200$

6. Which equations need regrouping?  
Choose all the correct answers.

- A.  $271 + 558 = ?$                       B.  $416 + 185 = ?$   
C.  $332 + 427 = ?$                       D.  $245 + 603 = ?$

7. What addition strategy is shown?

$$\begin{array}{rcl}
 764 & + & 229 = ? \\
 \swarrow \downarrow \searrow & & \swarrow \downarrow \searrow \\
 700 + 60 + 4 & 200 + 20 + 9 & 
 \end{array}$$

$$\begin{array}{l}
 700 + 200 = 900 \\
 60 + 20 = 80 \\
 4 + 9 = 13 \\
 900 + 80 + 13 = 993
 \end{array}$$

- A. adjust addends                      B. decompose both addends  
C. decompose one addend                      D. skip counting

8. A toy store has 348 dolls and 100 teddy bears. How many dolls and teddy bears does the toy store have?

## Unit 9

### Unit Assessment, Form B (continued)

Name \_\_\_\_\_

9. This month, Jana spends 257 minutes at softball practice and 166 minutes at softball games. How much time does Jana spend at softball practice and softball games this month? Decompose both addends to solve.

10. What is the sum? Decompose one addend to solve. Use a number line to show your work.

$$584 + 135 = \underline{\hspace{2cm}}$$

11. Gavin has 273 stamps from the United States and 295 stamps from other countries. How many stamps does Gavin have in all?

12. What is the sum? Use base-ten shorthand to show your work.

$$423 + 352 = \underline{\hspace{2cm}}$$

hundreds	tens	ones

**13.** There are 196 children and 502 adults at a fair. How many people are at the fair? Explain two ways to adjust both addends.

**14.** What is the sum? Decompose one addend to solve. Use a number line to show your work.

$$643 + 247 = \underline{\hspace{2cm}}$$

**15.** Andy adds  $731 + 129$  by place value. He decomposes the addends as  $700 + 30 + 1$  and  $100 + 2 + 9$ . Andy says the sum is 842. How do you respond to him?

**16.** Use two different addition strategies to find the sum of  $497 + 384$ . Which strategy do you think is more useful for this equation? Why?

# How Ready Am I?

Name \_\_\_\_\_

1. Julia is counting back by 10s. What will be the next number Julia counts?

44, 34, 24, 14, \_\_\_\_\_

A. 0                      B. 4                      C. 10                      D. 13

2. Abram is counting on by 10s. What will be the next number he counts?

16, 26, 36, 46, \_\_\_\_\_

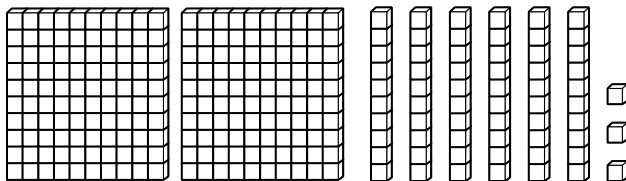
A. 45                      B. 47                      C. 56                      D. 65

3. Sari is counting back by 100s. What number is missing?

937, 837, 737, \_\_\_\_\_, 537, 437

A. 637                      B. 647                      C. 727                      D. 736

4. What number do the base-ten blocks show?



A. 236                      B. 263                      C. 362                      D. 632

5. Which number is 10 less than 83?

- A. 73                      B. 82                      C. 84                      D. 93

6. Which number is 10 more than 67?

- A. 57                      B. 68                      C. 76                      D. 77

7. Which of these shows how to decompose a number to find the difference of  $67 - 38$ ?

- A.  $67 - 20 - 10 - 1$                       B.  $67 - 27 - 7 - 1$   
C.  $67 - 37 - 10 - 1$                       D.  $67 - 30 - 7 - 1$

8. Which equation shows the same difference as  $58 - 37$ ?

- A.  $58 - 40 = 18$                       B.  $60 - 40 = 20$   
C.  $61 - 40 = 21$                       D.  $55 - 40 = 15$

9. Hannah has 54 stickers. Malcolm has 10 fewer stickers than Hannah. How many stickers does Malcolm have?

- A. 64 stickers                      B. 55 stickers  
C. 53 stickers                      D. 44 stickers

10. Luna makes 76 granola bars. She gives 10 of them to her neighbor and 10 of them to her friend. How many granola bars does she have left?

- A. 46 granola bars                      B. 56 granola bars  
C. 66 granola bars                      D. 67 granola bars

# Exit Ticket

Name \_\_\_\_\_

1. What is the difference?

a.  $362 - 10 =$  \_\_\_\_\_

b.  $362 - 100 =$  \_\_\_\_\_

c.  $653 - 10 =$  \_\_\_\_\_

d.  $653 - 100 =$  \_\_\_\_\_

2. Match the difference to the correct equation. Not all numbers will be used.

$593 - 10 = ?$

754

$764 - 100 = ?$

664

$593 - 100 = ?$

583

$764 - 10 = ?$

592

493

3. There are 917 seats in the concert hall. There are 10 empty seats. How many seats are *not* empty in the concert hall?

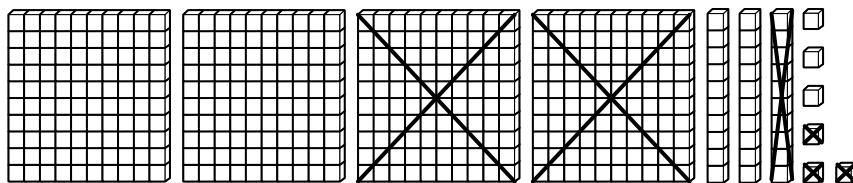
## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

1. Which equation is represented by the base-ten blocks?



- A.  $436 - 113 = 323$                       B.  $436 - 231 = 205$   
C.  $436 - 213 = 223$                       D.  $436 + 213 = 223$

2. Mr. Smith's class collected 385 pennies and Miss Patton's class collected 164 pennies for a penny drive. How many more pennies did Mr. Smith's class collect than Miss Patton's class? Represent the problem using base-ten shorthand.

## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

1. How can you decompose 346?

A.  $300 + 4 + 6$

B.  $300 + 40 + 6$

2. How can you decompose to find the difference?  
Show the subtraction on the number line.

$713 - 425 =$  \_\_\_\_\_

$425 =$  \_\_\_\_\_  $+$  \_\_\_\_\_  $+$  \_\_\_\_\_



3. Shawn has 304 shells and Callie has 132 shells. How many more shells does Shawn have than Callie?  
Decompose to find the difference. Show the subtraction on the number line.



## Reflect On Your Learning





# Exit Ticket

Name \_\_\_\_\_

1. Look at the equation  $628 - 275 = ?$ . Which equation is related? Choose the correct equation.

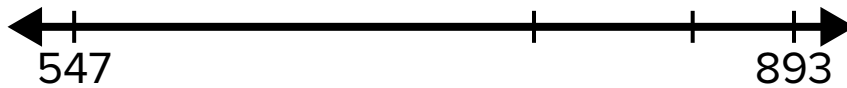
A.  $628 + 275 = ?$

B.  $275 + ? = 628$

C.  $? - 275 = 628$

D.  $275 + 628 = ?$

2. What is the difference? Use the number line to count on.



$893 - 547 = \underline{\hspace{2cm}}$

3. Ethan's class has 354 recipe books. They sell 136 recipe books. How many recipe books do they have left?

Write an equation. Use the number line to count on.



## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

1. Which expressions need regrouping to subtract?  
Choose all the correct answers.

A.  $283 - 169$

B.  $416 - 204$

C.  $657 - 321$

D.  $795 - 578$

2. What is the difference? Use base-ten shorthand to show your work.

$342 - 117 =$  \_\_\_\_\_

3. Dylan puts 462 toy animals on the shelves of a zoo gift shop. Customers buy 134 toy animals. How many toy animals are still on the shelves?

## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

1. Which need to be regrouped to subtract?

$$435 - 246 = ?$$

- A. tens                      B. hundreds                      C. both

2. What is the difference? Use base-ten shorthand to show your work.

$$321 - 168 = \underline{\hspace{2cm}}$$

3. A store has 512 cans of cat food and 379 cans of dog food. How many more cans of cat food than dog food does the store have?

## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

1. How can you adjust the numbers to subtract? Choose all the correct answers.

$$449 - 153 = ?$$

A.  $450 - 152$

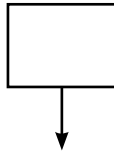
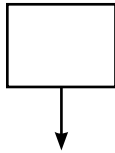
B.  $452 - 150$

C.  $450 - 154$

D.  $446 - 150$

2. How can you adjust to find the difference? Fill in the numbers.

$$728 - 396 = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

3. Sefa practices piano for 805 minutes in April and 645 minutes in May. How many more minutes does Sefa practice piano in April than in May? What friendly equation can you use to solve?

## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

1. How can you adjust the numbers to find the difference?

$$352 - 146 = ?$$

A.  $350 - 144$

B.  $350 - 148$

C.  $348 - 150$

D.  $356 - 150$

2. Which equations are related to  $625 - 298 = ?$

Choose all the correct answers.

A.  $625 + 298 = ?$

B.  $625 - ? = 298$

C.  $298 + ? = 625$

D.  $? - 298 = 625$

3. Write two ways you can decompose 537 to find the difference of  $874 - 537$ .

4. A clown has 451 balloons. The clown uses 148 balloons to make balloon animals. How many balloons does the clown have left? Explain what subtraction strategy you used.

## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

1. Which equation can you use to represent the word problem?

A tennis coach has 108 tennis balls. She buys 216 more tennis balls. How many tennis balls does the coach have in all?

A.  $216 - 108 = ?$

B.  $216 - ? = 108$

C.  $108 + ? = 216$

D.  $108 + 216 = ?$

2. Write an equation to represent the problem. Use any strategy to solve.

Mr. Marley has 532 prizes in a box. Then 249 students each take one prize. Mr. Marley puts 175 more prizes in the box. How many prizes are in the box now?

## Reflect On Your Learning



# Performance Task

Name \_\_\_\_\_

## Aquarium

Ida and her friends go to the aquarium for the day. They get there in the morning to wait in line.

### Part A

There are 145 people in line. It is a special day so the first 100 people get in for free. How many people pay for their ticket? Explain how you solved the problem.

### Part B

There are 256 people that work at the aquarium. There are 137 paid workers. The rest of the workers are volunteers. How many volunteers work at the aquarium? Represent and solve the problem.

### **Part C**

The dolphins eat 765 fish that day. They eat 524 fish in the morning. How many fish do they eat the rest of the day? Show your work.

### **Part D**

685 visitors eat lunch at the aquarium. 203 visitors eat dinner. How many more visitors eat lunch than dinner? Use a different strategy to solve the problem. Explain why it is a useful strategy.

### **Part E**

There are 975 types of animals at the aquarium. 378 are mammals and 121 are reptiles. The rest are fish. How many types of animals at the aquarium are fish? Show your work.



# Unit Assessment, Form A

Name \_\_\_\_\_

1. How can you decompose the change number?

$$314 - 196 = ?$$

A.  $1 + 9 + 6$

B.  $19 + 6$

C.  $100 + 90 + 6$

2. Is regrouping needed to subtract? Circle Yes or No.

$$573 - 258 = ?$$

Yes

No

3.  $602 - 10 = ?$

A. 702

B. 601

C. 592

D. 502

4. How can you adjust the numbers in  $752 - 347$  to subtract? Choose all the correct answers.

A.  $750 - 349$

B.  $750 - 345$

C.  $749 - 350$

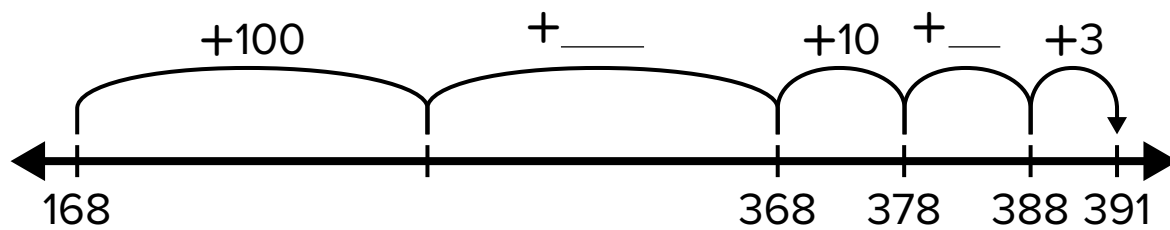
D.  $755 - 350$

5. What is the difference? Use base-ten shorthand to show your work.

$$439 - 212 = ?$$

6. How can you count on to subtract? Fill in the numbers on the number line and find the difference.

$$391 - 168 = \underline{\hspace{2cm}}$$



7. There are 523 shirts in a clothing store. During a sale, customers buy 100 shirts. How many shirts are left in the store?

8. Pablo needs to sell 400 raffle tickets. He has sold 268 tickets. How many does he still need to sell?

- a. How can you decompose by place value to solve the problem?

$$268 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

- b. Show the subtraction on the number line.



## Unit 10

### Unit Assessment, Form A (continued)

Name \_\_\_\_\_

9. Which needs regrouping to subtract  $736 - 479$ ?

- A. tens      B. hundreds      C. both

10. There are 287 people at a museum. Then 124 people leave the museum. How many people are at the museum now? Use base-ten shorthand to represent and solve the problem.

11. Write two ways to adjust the numbers in  $853 - 549$  to make friendlier numbers to subtract.

12. A sports store has 279 bikes. There are 10 bikes at the store with training wheels. How many bikes at the store do not have training wheels?

- A. 379 bikes      B. 289 bikes  
C. 269 bikes      D. 189 bikes

13. a. To count on to find the difference of  $682 - 365$ , start at \_\_\_\_\_.

b. To count back to find the difference of  $682 - 365$ , start at \_\_\_\_\_.

- 14.** There are 228 books in the returned book bin and 135 books on carts at a library that need to be put back on the shelves. By lunch time, 147 books have been put back on the shelves. How many books still need to be put back on the shelves?
- 15.** Yuri is putting together a 650 piece puzzle. So far Yuri has put together 322 pieces of the puzzle. Explain why regrouping is needed to find how many pieces Yuri still needs to put together.
- 16.** A farmer grows 477 pumpkins. The farmer sells 268 of the pumpkins. How many pumpkins does the farmer have left? Choose a subtraction strategy to solve. Explain the subtraction strategy you used.
- 17.** On Friday, 531 people go to the movie theater. On Saturday, 105 fewer people go to the movie theater than Friday. How many people go to the movie theater on Friday and Saturday in all? Explain your thinking.

# Unit Assessment, Form B

Name \_\_\_\_\_

1. How can you decompose the change number?

$$476 - 238 = ?$$

- A.  $200 + 30 + 8$       B.  $2 + 3 + 8$       C.  $23 + 8$

2. Is regrouping needed to subtract? Circle Yes or No.

$$562 - 351 = ?$$

Yes                  No

3.  $703 - 10 = ?$

- A. 603                                  B. 693  
C. 702                                  D. 713

4. How can you adjust the numbers in  $354 - 148$  to subtract? Choose all the correct answers.

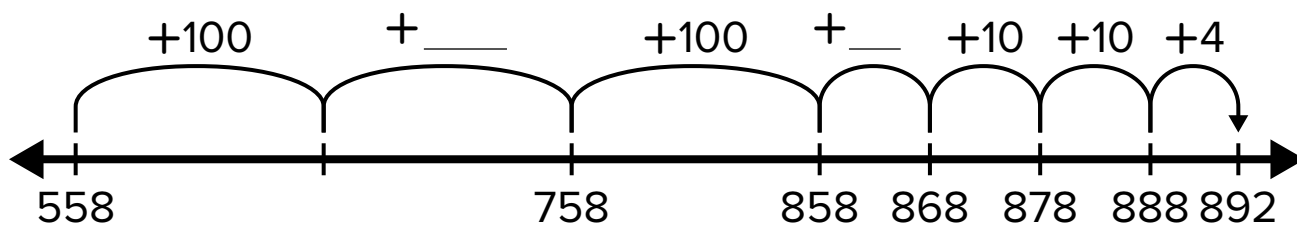
- A.  $350 - 144$                           B.  $350 - 152$   
C.  $356 - 150$                           D.  $352 - 150$

5. What is the difference? Use base-ten shorthand to show your work.

$$685 - 427 = ?$$

6. How can you count on to subtract? Fill in the numbers on the number line and find the difference.

$$892 - 558 = \underline{\hspace{2cm}}$$



7. Vanessa has 446 old coins in her coin collection. She sells 100 of her coins. How many coins are left in Vanessa's coin collection?

8. Kyan needs to make 300 candles for a craft show. He has made 134 candles. How many candles does Kyan still need to make?

- a. How can you decompose by place value to solve the problem?

$$134 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

- b. Show the subtraction on the number line.



## Unit 10

### Unit Assessment, Form B (continued)

Name \_\_\_\_\_

9. Which needs regrouping to subtract  $565 - 271$ ?

- A. tens                      B. hundreds                      C. both

10. Zoey wants to practice the violin for 360 minutes before her recital. She practices 118 minutes. How many more minutes does Zoey need to practice? Use base-ten shorthand to represent and solve the problem.

11. Write two ways to adjust the numbers in  $652 - 347$  to make friendlier numbers to subtract.

12. A cell phone store has 714 cell phones. There are 10 cell phones at the store with no camera. How many cell phones at the store have cameras?

- A. 604 cell phones                      B. 614 cell phones  
C. 704 cell phones                      D. 724 cell phones

13. a. To count on to find the difference of  $493 - 268$ , start at \_\_\_\_\_.

b. To count back to find the difference of  $493 - 268$ , start at \_\_\_\_\_.

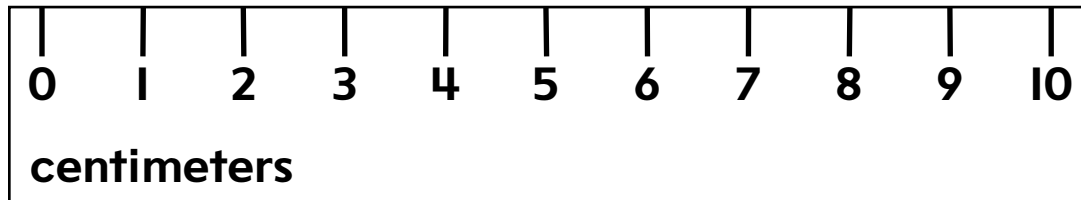
- 14.** There are 354 pictures waiting to be framed at an art store. Customers bring in 289 more pictures to be framed. Over the weekend, 192 pictures are framed. How many more pictures need to be framed?
- 15.** Suki is using 525 building bricks to make a castle. So far Suki has put together 218 building bricks. Explain why regrouping is needed to find how many building bricks Suki still needs to put together.
- 16.** A store has 436 watermelons. The store sells 129 of the watermelons. How many watermelons does the store have left? Choose a subtraction strategy to solve. Explain the subtraction strategy you used.
- 17.** On Sunday, 602 people go to the zoo. On Monday, 264 fewer people go to the zoo than Sunday. How many people go to the zoo on Sunday and Monday in all? Explain your thinking.



# Benchmark Assessment 3

Name \_\_\_\_\_

1. Look at the rectangle.



What is the length, in centimeters, of the rectangle?

2. Each equation has an unknown addend.

Choose Yes if the unknown addend is 100.

Choose No if the unknown addend is *not* 100.

	Yes	No
$536 + ? = 526$		
$? + 382 = 482$		
$608 + ? = 708$		
$? + 341 = 342$		

3. What unknown number makes the equation true?

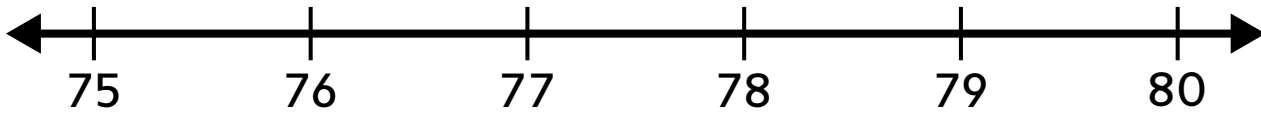
Write the number.

$$12 + 24 + 32 + 11 = \underline{\hspace{2cm}}$$

4. Timur plants 9 cherry trees and 8 apple trees.

How many trees does Timur plant?

5. What is  $80 - 2$ ? Place a point on the number line to show the difference.



6. What is the sum?

$$586 + 355 = ?$$

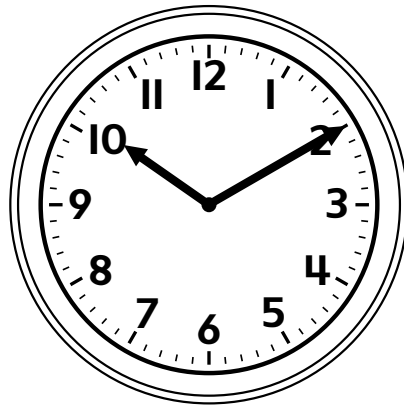
A. 831

B. 841

C. 931

D. 941

7. Eda looks at the clock in the morning.



What time does the clock show?

A. 10:02 a.m.

B. 10:10 a.m.

C. 2:10 p.m.

D. 2:50 p.m.

8. A store has 357 shirts to sell. They sell 120 shirts.

How many shirts does the store have left to sell?

**Benchmark Assessment 3** (continued)

Name \_\_\_\_\_

9. Which of these are equal to 400? Choose all the correct answers.

A. 4 tens

B. 4 hundreds

C. 40 tens

D. 40 ones

10. How can you decompose two addends to add  $278 + 321$ ? Fill in the missing numbers.

First, decompose each addend into hundreds, tens and ones.

$$278 = \underline{\hspace{2cm}} + 70 + 8$$

$$321 = 300 + \underline{\hspace{2cm}} + 1$$

Next, add the hundreds, add the tens, and add the ones.

$$\underline{\hspace{2cm}} + 300 = 500$$

$$70 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$8 + 1 = 9$$

Finally, add the totals of the hundreds, tens, and ones together.

$$278 + 321 = 500 + \underline{\hspace{2cm}} + 9 = \underline{\hspace{2cm}}$$

11. Marla practices soccer 180 more minutes this week than Deon practices. Deon practices soccer for 235 minutes this week.

How many minutes does Marla practice soccer this week?

- 12.** Match the equation with its sum or difference.  
Not all numbers will be used.

$438 - 10 = ?$

$675 + 100 = ?$

$438 + 100 = ?$

$675 - 10 = ?$

538

775

448

665

428

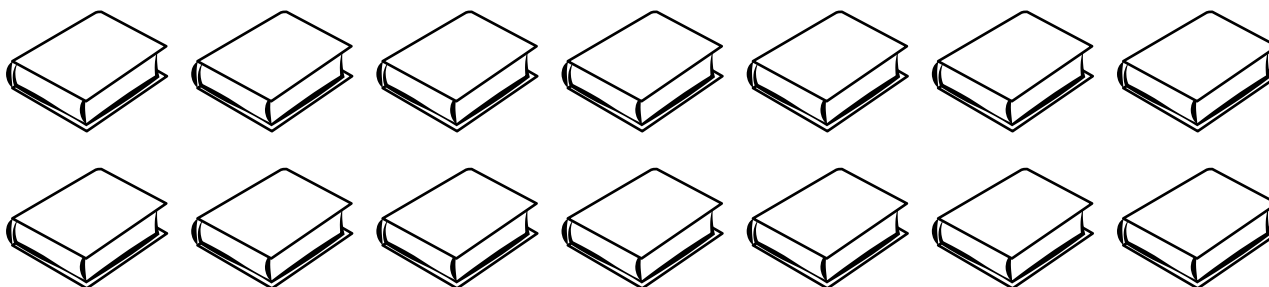
575

- 13.** Alanna has 5 dollar bills, 3 quarters, and 12 dimes in her piggy bank. She puts 6 more quarters in her piggy bank.

How much money does Alanna have in her piggy bank now?

- A.** \$6.95      **B.** \$7.01      **C.** \$7.85      **D.** \$8.45

- 14.** Inez has 14 books. She organizes them in two rows.



- a.** Is 14 an even or odd number?      Even      Odd
- b.** Make a double or near double to show how Inez organizes her books.

\_\_\_\_\_ books + \_\_\_\_\_ books = 14 books

Name \_\_\_\_\_

**15.** Look at the number chart.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Which statements are true about the column that begins with the number 4? Choose all the correct answers.

- A.** Every number in the column starts with a 4.
- B.** Every number in the column ends in a 4.
- C.** The numbers in the column show counting by 1s.
- D.** The numbers in the column show counting by 10s.

16. Norma has 7 pennies, 3 nickels, and 1 quarter. How much money does she have?

A. 11 cents

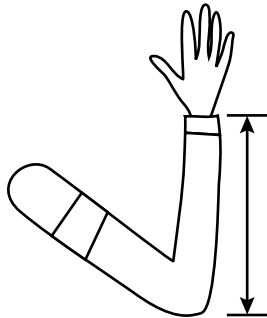
B. 32 cents

C. 47 cents

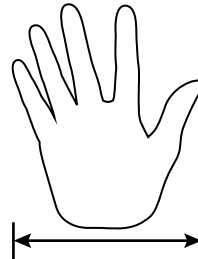
D. 62 cents

17. Which is *best* for measuring length in feet?

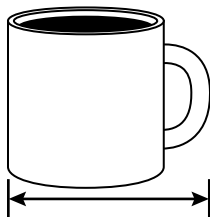
A.



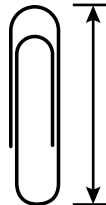
B.



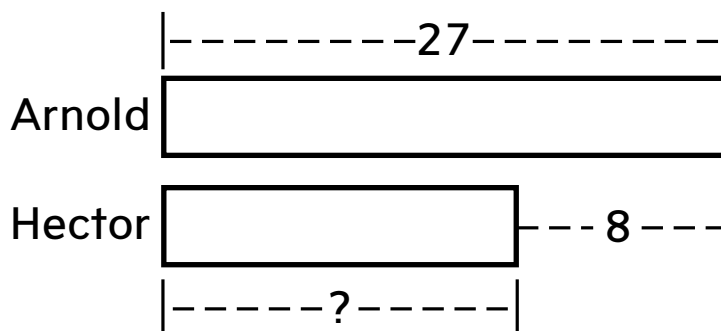
C.



D.



18. Arnold has 8 more stickers than Hector. Arnold has 27 stickers. How many stickers does Hector have?



Which equations match the word problem?  
Choose all the correct answers.

A.  $35 - 27 = 8$

B.  $19 + 8 = 27$

C.  $27 - 8 = 19$

D.  $27 + 8 = 25$

Unit II

# How Ready Am I?

Name \_\_\_\_\_

1.  $5 + 3 = ?$

A. 2

B. 7

C. 8

D. 9

2.  $9 + 7 = ?$

A. 2

B. 16

C. 17

D. 18

3.  $7 - 2 = ?$

A. 3

B. 4

C. 5

D. 9

4.  $8 - 6 = ?$

A. 2

B. 3

C. 4

D. 5

5. Which set of tally marks equals 5?

A. II

B. III

C. IIII

D. IIII

6. Which set of tally marks equals 8?

A. IIII I

B. IIII II

C. IIII III

D. IIII IIII




7. Look at the tally chart.  
How many people chose almond as their favorite nut?

A. 6                      B. 7  
C. 8                      D. 9

Favorite Nut	
Nut	Tally
Almond	II
Cashew	
Pecan	



















8. Look at the tally chart.  
How many people were asked the question:  
What is your favorite toy dinosaur party favor?

A. 17                      B. 18  
C. 19                      D. 20

Toy Dinosaur Party Favors		
Type of Dinosaur		Tally
 Tyrannosaurus Rex		
 Stegosaurus		III
 Velociraptor		II

9. How many members' answers are recorded in the picture graph?




























A. 17                      B. 18  
C. 19                      D. 20

Garden Club Flowers	
Tulip	         
Daisy	    
Marigold	  

Each picture = 1 member

10. The picture graph shows the beads Mia used to make a necklace. How many green beads did she use?

A. 4                      B. 5  
C. 8                      D. 9

Beads for Necklace	
Orange	        
Green	        
Purple	        

Each picture = 1 bead on the necklace

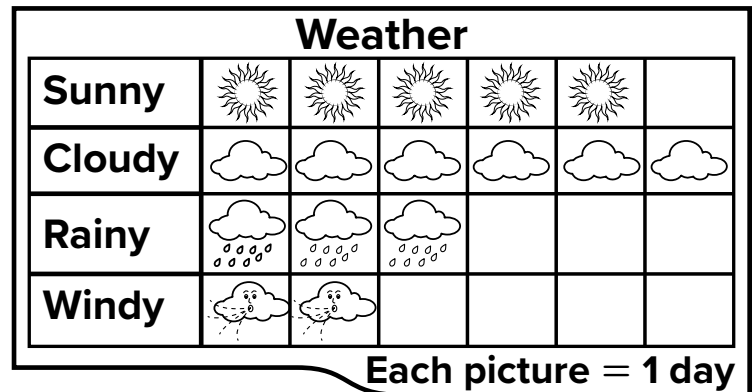


# Exit Ticket

Name \_\_\_\_\_

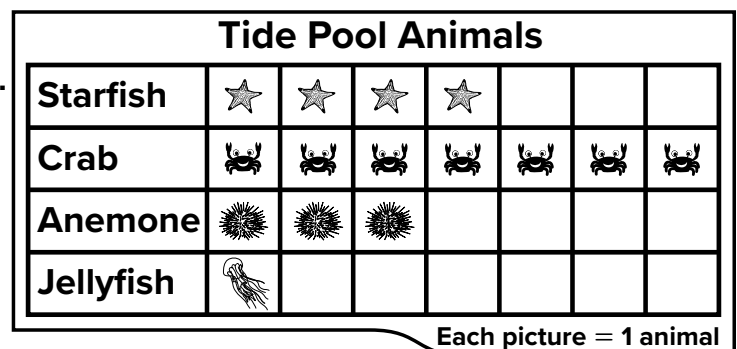
1. Henry records the weather on different days. The results are in the picture graph. How many days are cloudy?

- A. 4 days
- B. 5 days
- C. 6 days
- D. 7 days



2. The picture graph shows the animals in a tide pool. Which statements are true? Choose all the correct answers.

- A. There are 4 starfish.
- B. There are fewer crabs than starfish.
- C. There are 15 animals in all.
- D. There are more anemones than crabs.



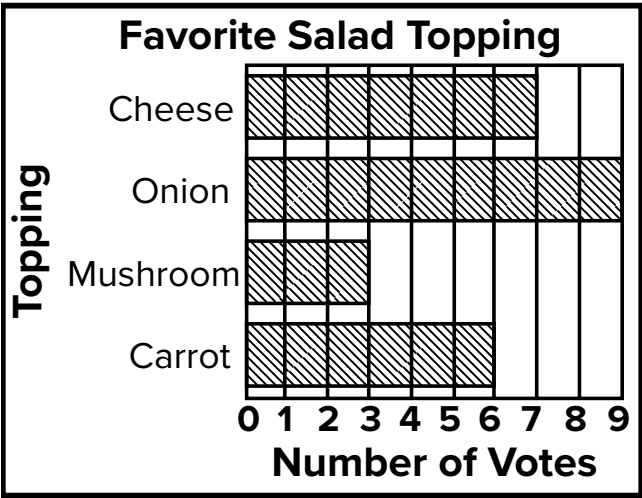
## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

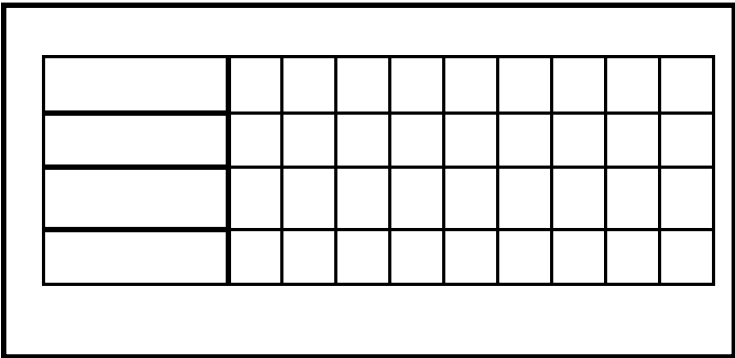
1. The bar graph shows the favorite salad topping of customers at a restaurant. Which salad topping was chosen the most? The least?



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2. How can you represent the data using a horizontal bar graph?

Favorite Picnic Foods	
Picnic Food	Tally
Fruit	
Salad	
Sandwiches	
Vegetables	



## Reflect On Your Learning

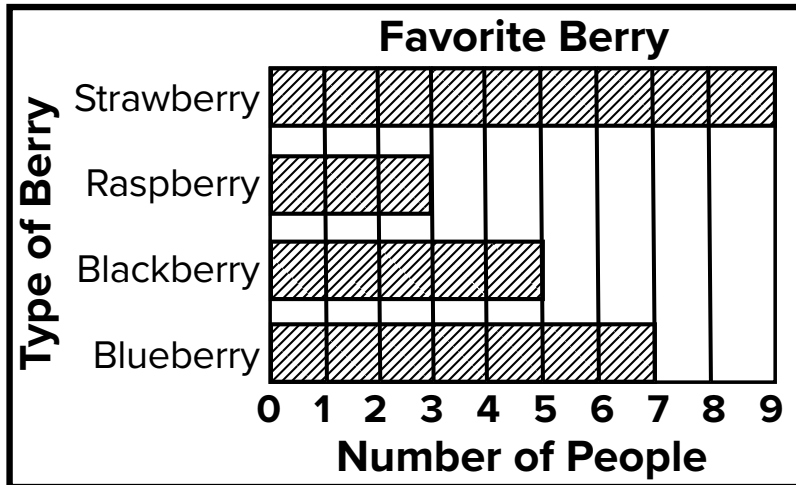


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# Exit Ticket

Name \_\_\_\_\_

Use the bar graph to answer the questions.



1. How many more people chose blueberry than raspberry?  
 A. 3                      B. 4                      C. 5                      D. 10
2. How many people chose strawberry and blackberry?
3. How many did not choose the most popular berry?

## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

- I. How can you make a tally chart to show the data?  
Maya measured the lengths of colored pencils in inches.

○			Length of Colored Pencil	
	5 inches	6 inches	Length (inches)	Tally
	6 inches	5 inches	4	
			5	
	4 inches	6 inches	6	
			7	
	7 inches	7 inches		
○				

Use the data to answer the questions.

2. Sophie is making a tally chart of the data. How many rows should her tally chart have?

○		
	21 centimeters	24 centimeters
	24 centimeters	21 centimeters
	25 centimeters	25 centimeters
	23 centimeters	22 centimeters
○		

3. How many tally marks go in the row for 22 centimeters?

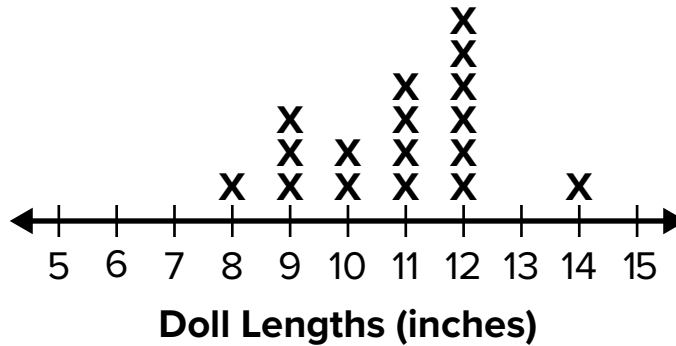
## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

Debra measured the lengths of her dolls. Use the data on the line plot to answer the questions.



1. What is the most common length measured?

- A. 9 inches                      B. 10 inches  
C. 11 inches                     D. 12 inches

2. What is the least common length measured?  
Choose all the correct answers.

- A. 8 inches                      B. 10 inches  
C. 14 inches                     D. 15 inches

3. Debra got 3 more dolls. If she added their lengths to the line plot, how many measurements would be recorded?

## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

- I. How can you represent the data using a line plot?  
Use the data to make a line plot.

Mila measured the lengths of bracelets she made.

<input type="radio"/>	
	18 centimeters
	16 centimeters
	14 centimeters
	16 centimeters
<input type="radio"/>	
	15 centimeters
	14 centimeters
	18 centimeters
<input type="radio"/>	16 centimeters



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2. Write two questions using the line plot about bracelet lengths. Then answer the questions.

## Reflect On Your Learning



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# Performance Task

Name \_\_\_\_\_

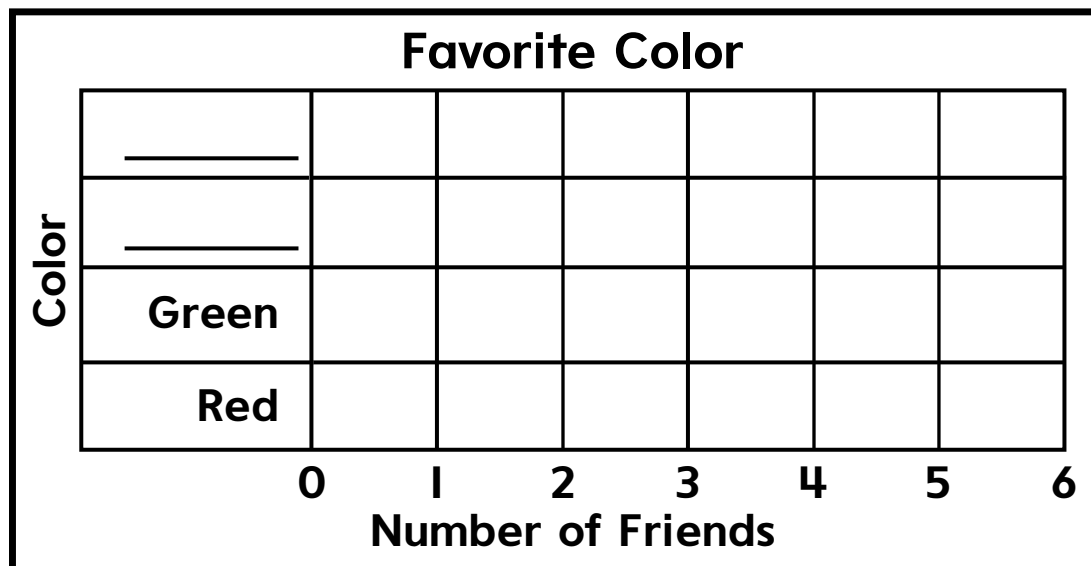
## Ben's Graphs

Ben collects data with his friends.

### Part A

Ben surveys his friends to find out their favorite colors. He makes a tally chart to record the data. How can you represent the data using a bar graph? Complete the bar graph to represent the data.

Favorite Color	
Color	Tally
Blue	
Yellow	
Green	
Red	



Part B

Answer these questions using your bar graph from Part A:

What color is the most popular?

How many more friends like blue than green?

How many friends like yellow or green best?

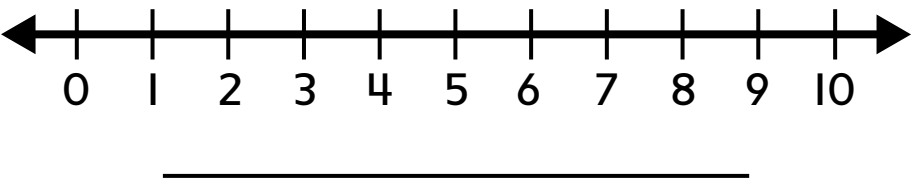
How many friends does Ben survey?

Show your work.

Part C

Ben and his friends test how far their toy cars roll after one push. They measure the distance the cars roll in feet. They record their data in the chart. How can you represent the data on a line plot? Complete the line plot to represent the data.

Distance Car Rolled	
Friends	Distance (feet)
Payton	7
Jamal	5
Addy	4
Oliver	4
Steela	3
Luca	5
Nora	4



Part D

Answer these questions using your line plot from Part C:

What is the most common distance?

What is the least common distance?

How many measurements are shown?



## Unit II

# Unit Assessment, Form A

Name \_\_\_\_\_

1. How can you make a tally chart to show the data?

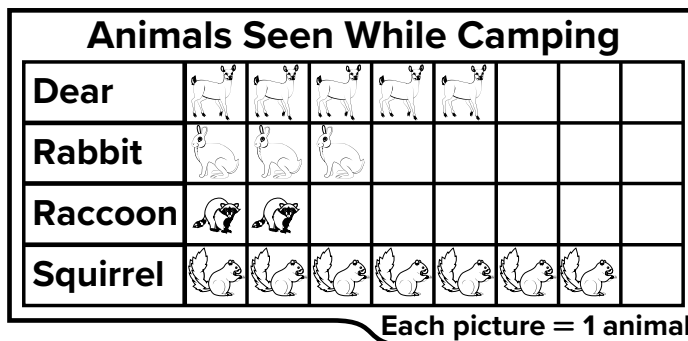
Henry measured the lengths of the nails in his toolbox.

○	
	9 centimeters
	5 centimeters
	6 centimeters
	8 centimeters
○	
	5 centimeters
	9 centimeters
	6 centimeters
○	5 centimeters

Length of Nail	
Length (centimeters)	Tally
5	
6	
7	
8	
9	

2. Use the picture graph to answer the questions.

Ivan made this picture graph to record the animals he saw while camping.

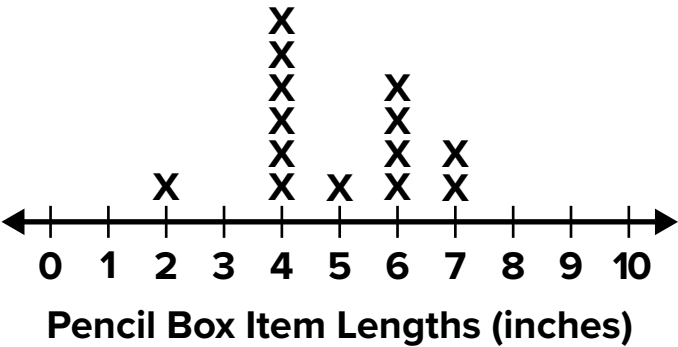


a. What animal did Ivan see the most?

b. How many deer did Ivan see?

3. Caleb measured the lengths of the items in his pencil box. Use the data on the line plot to answer the questions.

a. What is the most common length measured?



b. How many measurements were recorded?

4. How can you represent the data using a line plot? Use the data to make a line plot.

Max measured the lengths of his toy trucks.

○	
	16 centimeters
	12 centimeters
	10 centimeters
	16 centimeters
○	
	18 centimeters
	16 centimeters
	10 centimeters
○	16 centimeters



## Unit II

### Unit Assessment, Form A (continued)

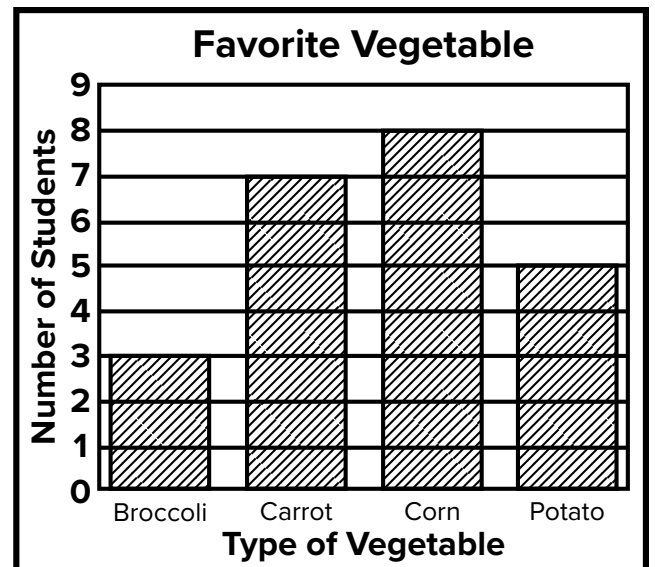
Name \_\_\_\_\_

5. How can you represent the data using a picture graph?

Favorite African Animal	
Animal	Tally
Elephant	
Giraffe	
Lion	
Zebra	


6. Use the bar graph to answer the questions.

- a. What is the most popular vegetable?
- b. How many more students chose carrots than broccoli?



- c. What is another observation you can make about this data?

7. Emilia measured the lengths of her hair ribbons and recorded the measurements in the tally chart. How might Emilia's tally chart change if she got 4 new ribbons that are each 14 inches long?

Length of Hair Ribbon	
Length (inches)	Tally
7	
8	
9	
10	
11	
12	

8. When would it be better to use a line plot than a bar graph to represent data?
9. Sasha made a bar graph about her classmates' favorite colors. On her graph, 3 of the bars were the same length. What does that mean?

## Unit II

# Unit Assessment, Form B

Name \_\_\_\_\_

1. How can you make a tally chart to show the data?















A carpenter measured the lengths of the screws he had.

○	
	9 centimeters
	5 centimeters
	6 centimeters
	7 centimeters
○	
	5 centimeters
	6 centimeters
	6 centimeters
○	7 centimeters

Length of Screw	
Length (centimeters)	Tally
5	
6	
7	
8	
9	

2. Use the picture graph to answer the questions.

Kevin made the picture graph to record the animals he saw at a pond.

Animals Seen at Pond							
Duck							
Fish							
Frog							
Turtle							

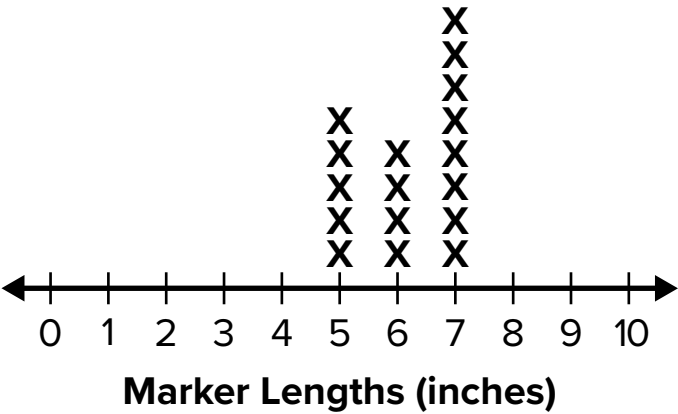
Each picture = 1 animal

a. What animal did Kevin see the least?

b. How many frogs did Kevin see?

3. An art teacher measured the lengths of some markers. Use the data on the line plot to answer the questions.

a. What is the length of the shortest marker?



b. How many measurements were recorded?

4. How can you represent the data using a line plot?  
Use the data to make a line plot.

Max measured the lengths of his toy trains.

○	
	8 centimeters
	10 centimeters
	8 centimeters
	6 centimeters
○	
	9 centimeters
	8 centimeters
	10 centimeters
○	8 centimeters



## Unit II

### Unit Assessment, Form B (continued)

Name \_\_\_\_\_

5. How can you represent the data using a picture graph?

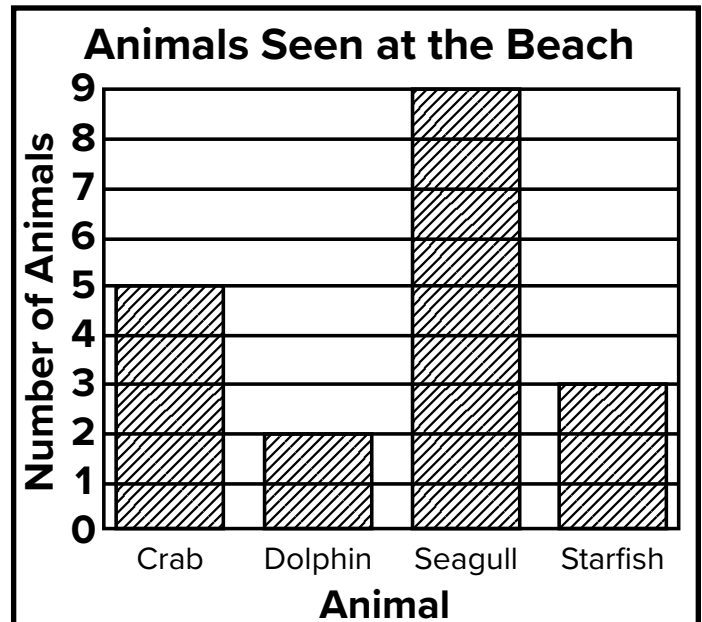
Favorite Bird	
Bird	Tally
Eagle	
Flamingo	
Parrot	
Penguin	


6. Use the bar graph to answer the questions.

a. What animal was seen the most?

b. How many more crabs were seen than starfish?

c. What is another observation you can make about this data?



7. Gabriella measured the lengths of some keychains she made and recorded the measurements in the tally chart. How might Gabriella's tally chart change if she makes 5 more keychains that are each 3 inches long?

Length of Keychain	
Length (inches)	Tally
4	
5	
6	
7	

8. When would it be better to use a bar graph than a line plot to represent data?
9. Emerson made a bar graph about her classmates' favorite sports. On her graph, the bars are different lengths. What does that mean?



# How Ready Am I?

Name \_\_\_\_\_

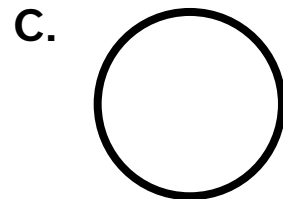
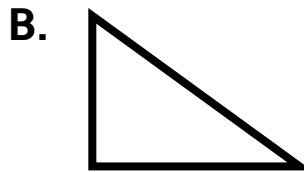
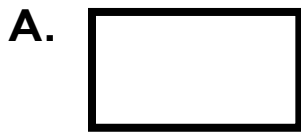
1. Which is true for a square?

- A. It has 5 vertices.
- B. It has more sides than vertices.
- C. All its sides are the same length.
- D. 2 sides are short. 2 sides are long.

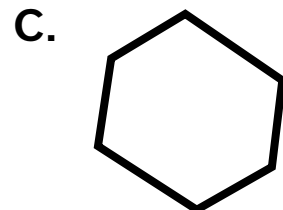
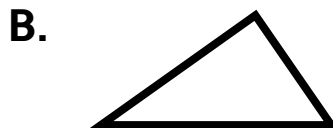
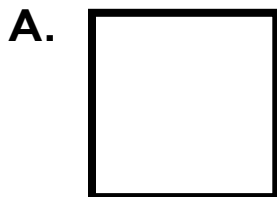
2. Which is true for a rectangle?

- A. It is a closed 2-dimensional shape.
- B. It has 5 vertices.
- C. All its sides are the same length.
- D. 3 sides are short. 1 sides is long.

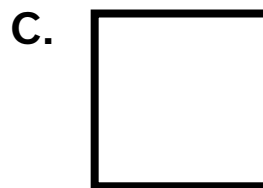
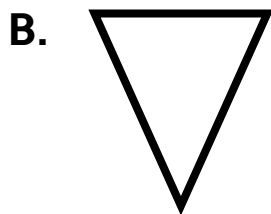
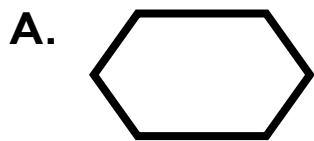
3. Which is a triangle?



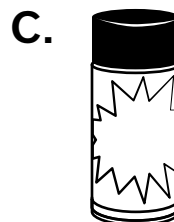
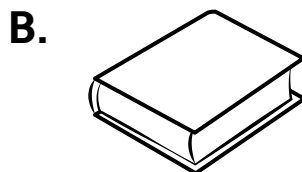
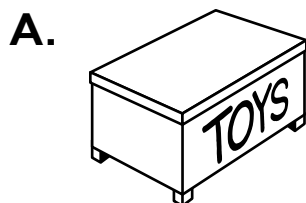
4. Which is a hexagon?



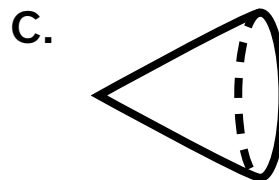
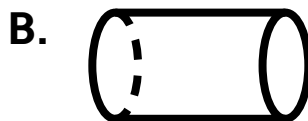
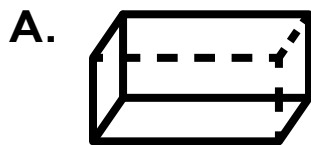
5. Which has 4 vertices?



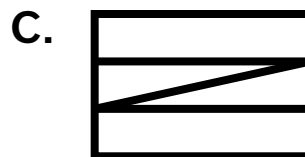
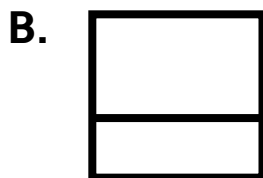
6. Which is shaped like a cylinder?



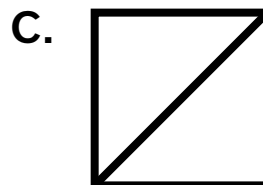
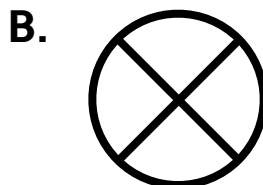
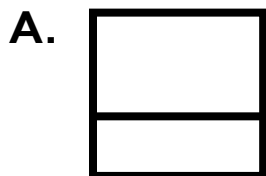
7. Which is a rectangular prism?



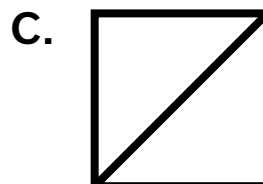
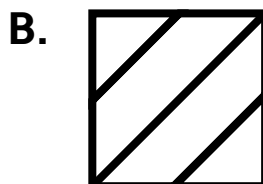
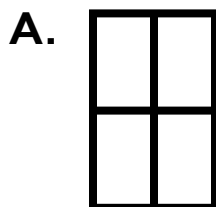
8. Which shows equal shares?



9. Which shows halves?



10. Which shows fourths?



# Exit Ticket

Name \_\_\_\_\_

1. Which shape has 6 sides, 6 angles, and 6 vertices?

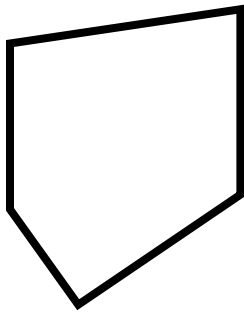
A. triangle

B. quadrilateral

C. pentagon

D. hexagon

2. How many sides, angles, and vertices does the shape have?

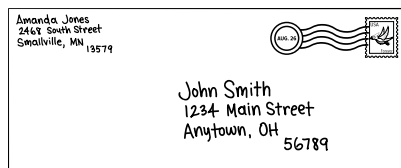


\_\_\_\_\_ sides

\_\_\_\_\_ angles

\_\_\_\_\_ vertices

3. John received this letter in the mail. What shape is the envelope?



## Reflect On Your Learning



# Exit Ticket

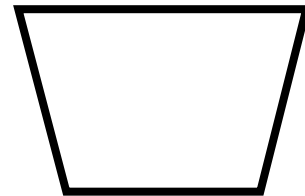
Name \_\_\_\_\_

1. Draw the shape. Then write the name.

What shape has 6 sides, 6 angles, and all sides the same length?

2. Draw two different shapes that have 5 sides, 5 angles, and all sides different lengths.

3. Sara drew a vase. What are 3 attributes of the vase?



## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

1. How many faces, edges, and vertices does the shape have? What is the shape?

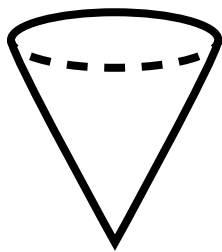


\_\_\_\_\_ faces \_\_\_\_\_ vertices  
\_\_\_\_\_ edges

This shape is a \_\_\_\_\_.

2. Which shapes are spheres? Choose all the correct answers.

A.



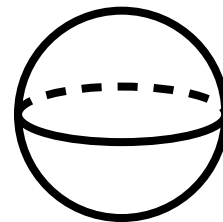
B.



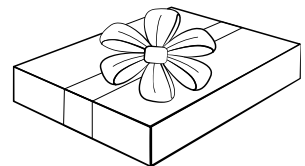
C.



D.



3. Alex got a present for his birthday.  
What shape is the box?



## Reflect On Your Learning

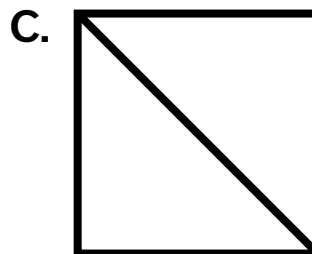
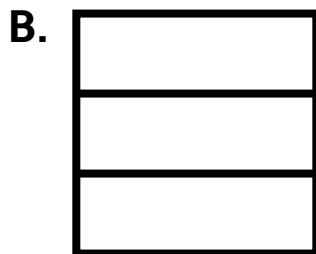
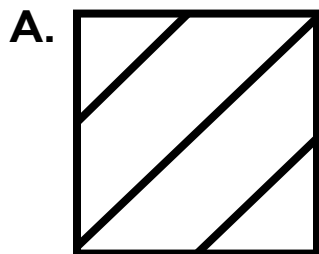


# Exit Ticket

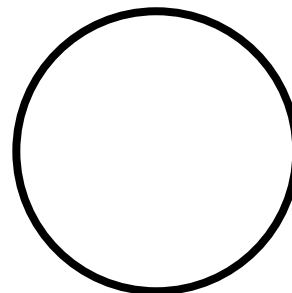
Name \_\_\_\_\_

1. Which shapes are partitioned into equal shares?

Choose all the correct answers.



2. How can you partition the circle into 3 equal shares? Draw to show your work.



3. How can you partition the rectangle into 4 equal shares? Draw to show your work.



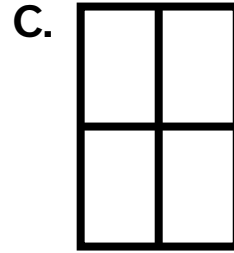
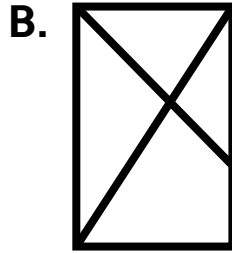
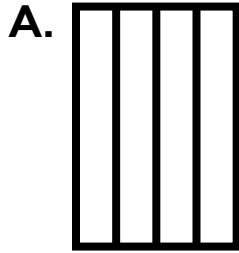
## Reflect On Your Learning



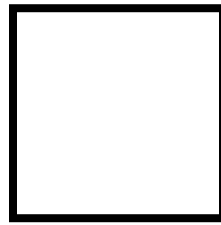
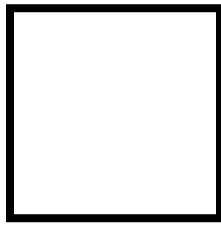
# Exit Ticket

Name \_\_\_\_\_

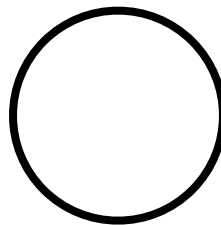
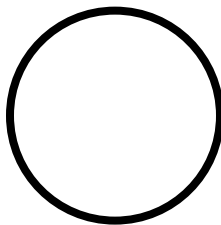
1. Which shows how to partition the same rectangle into fourths? Choose all the correct answers.



2. How can you partition the squares into thirds? Show two different ways.



3. An apple slice is in the shape of a circle. Show how to partition the apple slice into halves in two different ways.



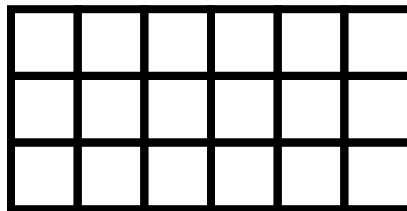
## Reflect On Your Learning



# Exit Ticket

Name \_\_\_\_\_

1. How many rows, columns, and squares is the rectangle partitioned into?



Rows: \_\_\_\_\_

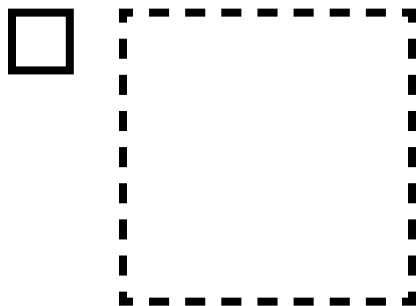
Columns: \_\_\_\_\_

Write an equation to find the total number of squares.

Equation: \_\_\_\_\_

Total squares: \_\_\_\_\_

2. How can you partition the rectangle using equal-sized squares? Draw to show your work.



Total squares: \_\_\_\_\_

## Reflect On Your Learning





# Performance Task

Name \_\_\_\_\_

## Art Class

Paul draws during art class.

### Part A

Paul draws a shape with 4 sides and 4 angles. Draw two different shapes that Paul could draw. Circle the names of *all* the shapes Paul could draw.

hexagon

square

pentagon

trapezoid

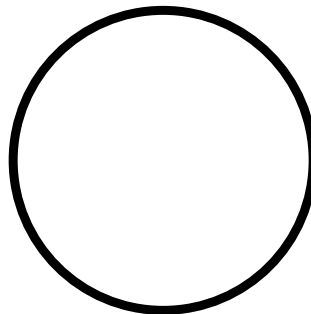
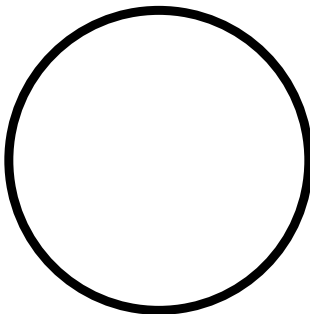
rectangle

triangle

quadrilateral

### Part B

Paul draws two circles. He divides one into halves and the other into fourths. Draw and label to show halves and fourths.

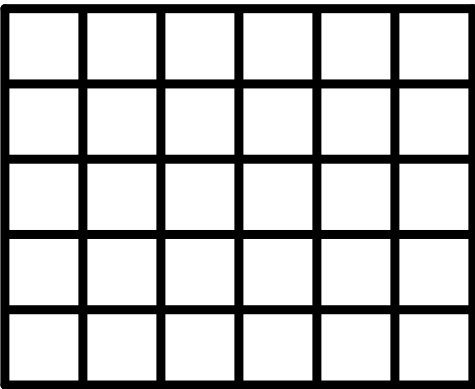


## Part C

Paul draws two rectangles. He divides the rectangles into thirds. Draw two rectangles. Then show two different ways Paul can divide the rectangles into thirds. How are the equal shares related?

## Part D

Paul's last drawing is a large square. He partitions the large square into rows and columns of equal-sized small squares. How many rows and columns are there? Write an equation that shows the total number of small squares.

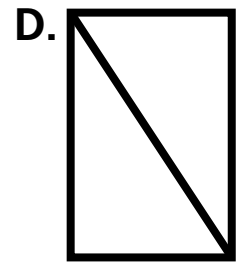
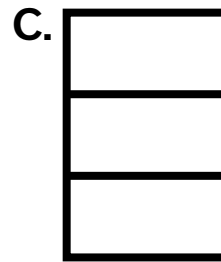
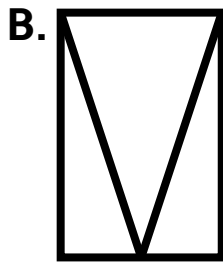
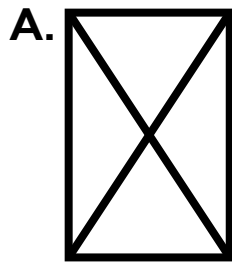


# Unit Assessment, Form A

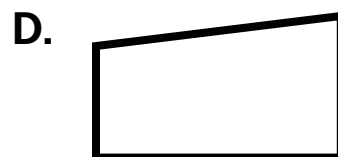
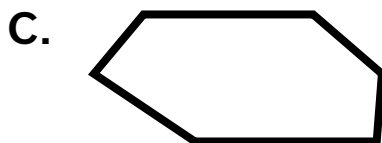
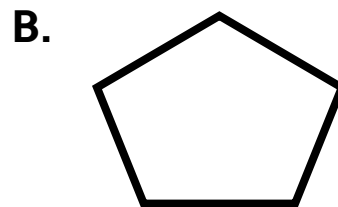
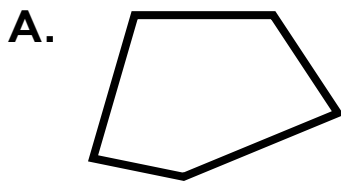
Name \_\_\_\_\_

1. What shape has 3 sides, 3 angles, and all sides different lengths? Draw the shape. Write its name.

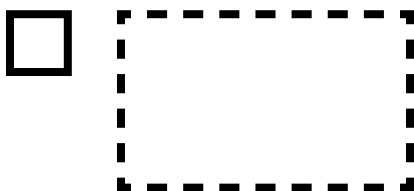
2. Which shapes are partitioned into equal shares?  
Choose all the correct answers.



3. Which shapes are pentagons? Choose all the correct answers.

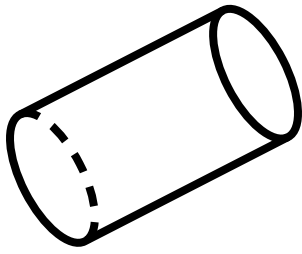


4. How can you partition the rectangle using equal-sized squares? Draw to show your work.



Total squares: \_\_\_\_\_

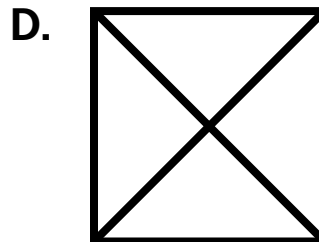
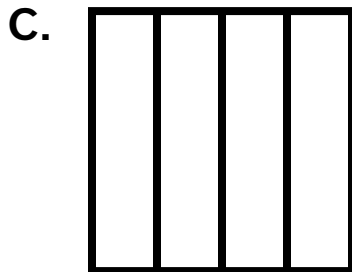
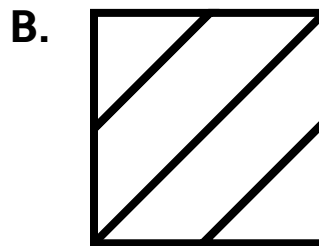
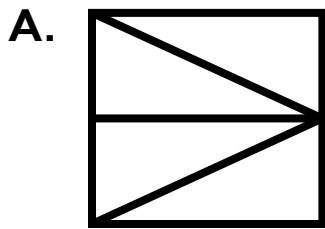
5. How many faces, edges, and vertices does the shape have? What is the shape?



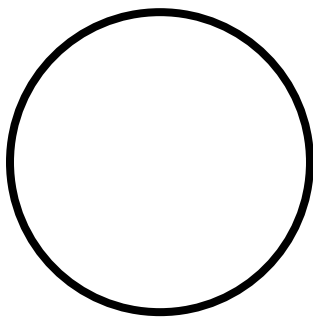
\_\_\_\_\_ faces  
\_\_\_\_\_ edges  
\_\_\_\_\_ vertices

This shape is a \_\_\_\_\_.

6. Which shows how to partition the same square into fourths? Choose all the correct answers.

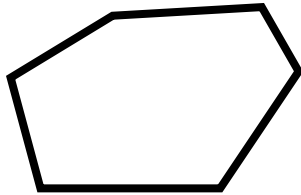


7. How can you partition the circle into 3 equal shares?  
Draw to show your work.



Name \_\_\_\_\_

8. How many sides, angles, and vertices does the shape have?



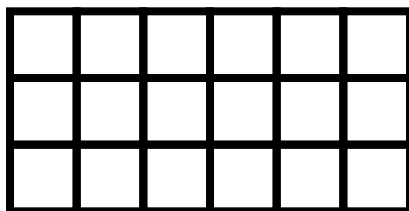
\_\_\_\_\_ sides  
 \_\_\_\_\_ angles  
 \_\_\_\_\_ vertices

9. How can you partition the rectangle into fourths?  
 Show two different ways.



10. What shape has 1 face, 0 edges, and 1 vertex?

11. How many rows, columns, and squares is the rectangle partitioned into? Write an equation to find the total number of squares.



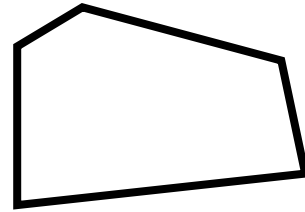
Rows: \_\_\_\_\_

Columns: \_\_\_\_\_

Equation: \_\_\_\_\_  
 \_\_\_\_\_

Total squares: \_\_\_\_\_

- 12.** Cal drew the shape shown. What are three attributes of the shape?



- 13.** Kyle has a sandwich that is shaped like a square. He says he partitioned the sandwich into 2 equal shares so he can share the sandwich equally with his brother. How do you respond to Kyle?



- 14.** A pizza is in the shape of a circle. Explain how to partition the pizza to share it equally between 4 people. How much of the pizza does each person get?

- 15.** Brennan had the drink shown for lunch. What shape is it? Explain your thinking.



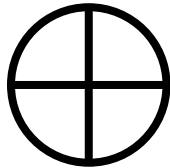
# Unit Assessment, Form B

Name \_\_\_\_\_

1. What shape has 6 sides, 6 angles, and all sides different lengths? Draw the shape. Write its name.

2. Which shapes are partitioned into equal shares? Choose all the correct answers.

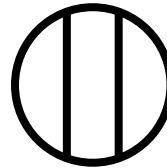
A.



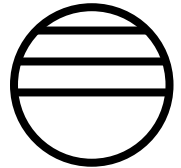
B.



C.

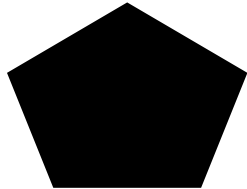


D.

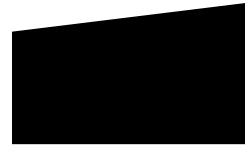


3. Which shapes are quadrilaterals? Choose all the correct answers.

A.



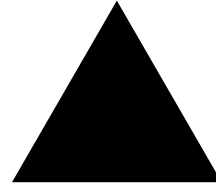
B.



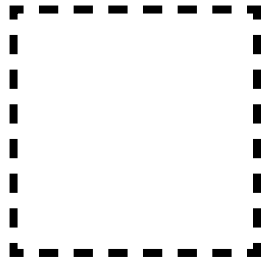
C.



D.

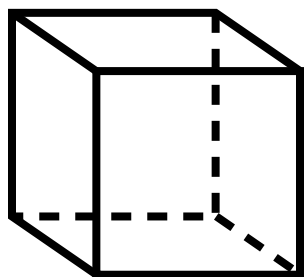


4. How can you partition the rectangle using equal-sized squares? Draw to show your work.



Total squares: \_\_\_\_\_

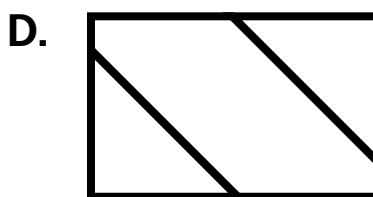
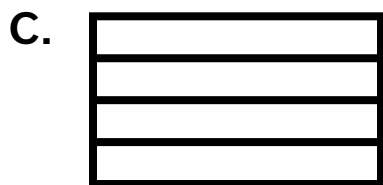
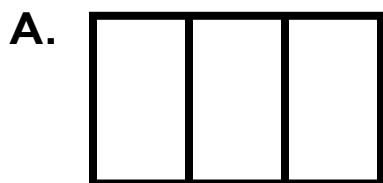
5. How many faces, edges, and vertices does the shape have? What is the shape?



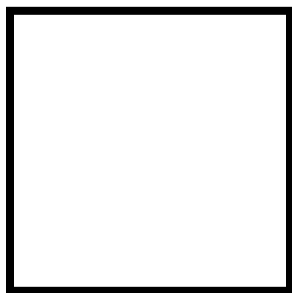
\_\_\_\_\_ faces  
\_\_\_\_\_ edges  
\_\_\_\_\_ vertices

This shape is a \_\_\_\_\_.

6. Which shows how to partition the same rectangle into thirds? Choose all the correct answers.



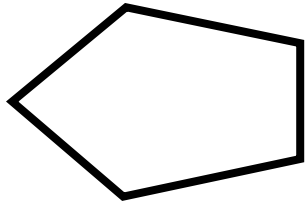
7. How can you partition the square into 4 equal shares?  
Draw to show your work.





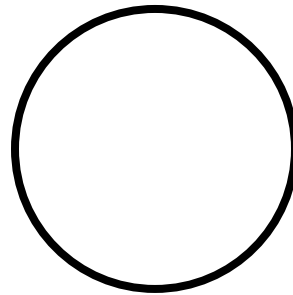
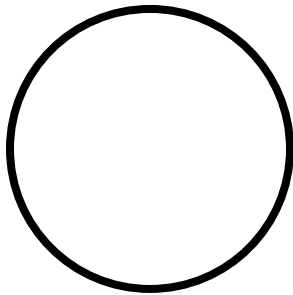
Name \_\_\_\_\_

8. How many sides, angles, and vertices does the shape have?



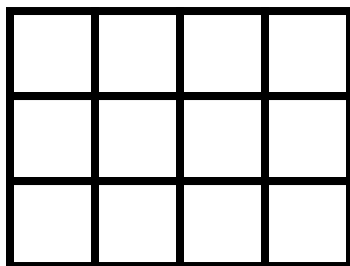
\_\_\_\_\_ sides  
\_\_\_\_\_ angles  
\_\_\_\_\_ vertices

9. How can you partition the circle into thirds? Show two different ways.



10. What shape has 2 faces, 0 edges, and 0 vertices?

11. How many rows, columns, and squares is the rectangle partitioned into? Write an equation to find the total number of squares.



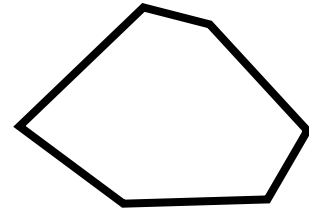
Rows: \_\_\_\_\_

Columns: \_\_\_\_\_

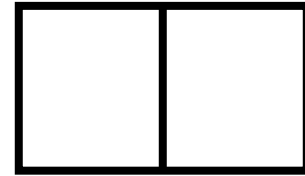
Equation: \_\_\_\_\_  
\_\_\_\_\_

Total squares: \_\_\_\_\_

- 12.** Mel drew this shape. What are three attributes of the shape?

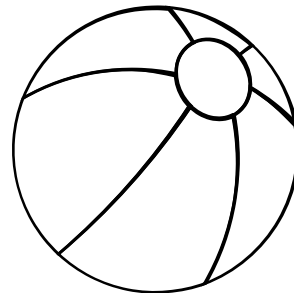


- 13.** Carly has a cracker that is shaped like a rectangle. She says she partitioned the cracker into 2 equal shares so she can share the cracker equally with her sister. How do you respond to Carly?



- 14.** Allie made lasagna in a square baking dish. Explain how to partition the lasagna to share it equally among 3 people. How much of the lasagna does each person get?

- 15.** Mya is taking the ball shown to the beach. What shape is it? Explain your thinking.



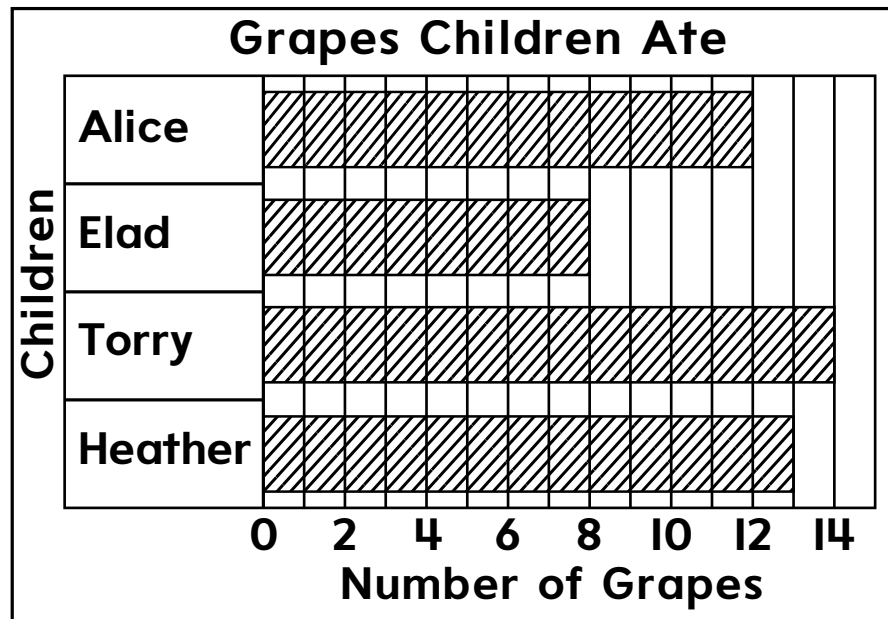
# Summative Assessment

Name \_\_\_\_\_

1. Which expression shows the correct way to find the sum of  $180 + 52$ ?

A.  $100 + 80 + 500 + 20$       B.  $100 + 80 + 50 + 2$   
 C.  $100 + 80 + 50 + 20$       D.  $18 + 52 + 0$

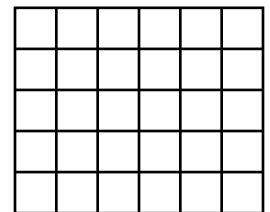
2. The bar graph shows the number of grapes children ate for a snack.



How many fewer grapes did Elad eat than Heather?

3. A rectangle is divided into rows and columns forming small squares of the same size.

How many squares are there in each row?

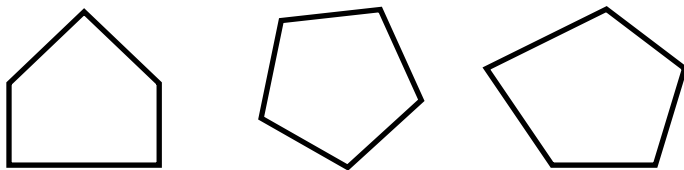


A. 5      B. 6      C. 11      D. 30

4. Ali puts a 39 inch piece of wood next to a 25 inch piece of wood to make a garden border. What is the combined length of the two pieces of wood?

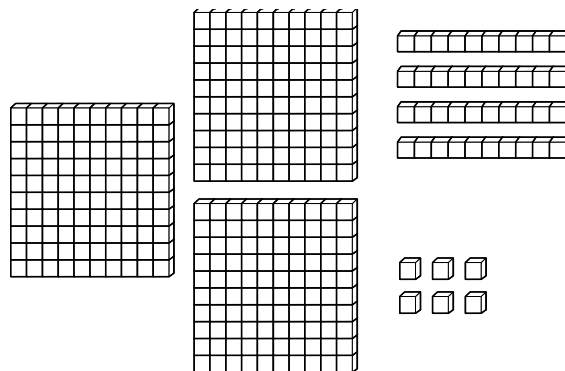
A. 14 inches                      B. 39 inches  
C. 54 inches                      D. 64 inches

5. Complete the sentences to describe the shapes.



Each shape has \_\_\_\_\_ vertices and \_\_\_\_\_ sides.

6. Which number do the base-ten blocks show? Choose all the correct answers.



A.  $300 + 40 + 6$                       B. 3,406  
C. three thousand forty-six              D. 346  
E. three hundred forty-six

7. Which would be *best* measured using a meter stick?

A. a nail              B. a door              C. a bean              D. a forest

**Summative Assessment** (continued)

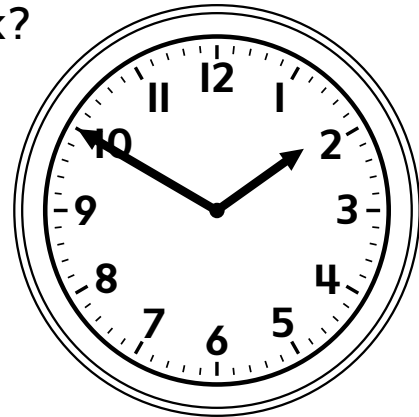
Name \_\_\_\_\_

8. Luis starts at 338 and counts by 1s. Fill in the missing numbers.

338, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 344

9. What time is shown on the clock?

- A. 2:10
- B. 1:50
- C. 2:50
- D. 10:10



10. The monkeys at the zoo eat 5 bananas and 7 apples. How many bananas and apples do the monkeys eat?

- A. 10
- B. 11
- C. 12
- D. 13

11. Nikita adjusts numbers to subtract  $57 - 38$ .

- a. Which way shows how Nikita can adjust the numbers to subtract?

- A.  $60 - 40$
- B.  $59 - 40$
- C.  $55 - 40$
- D.  $60 - 35$

- b. What is the difference?

$$57 - 38 = \underline{\hspace{2cm}}$$

12. Which number is two hundred two?

- A. 22
- B. 202
- C. 220
- D. 2,002

**13.** There are 174 apples at an apple farm. People pick 55 red apples and 36 green apples. How many apples are left at the apple farm?

- A.** 155                      **B.** 138                      **C.** 93                      **D.** 83

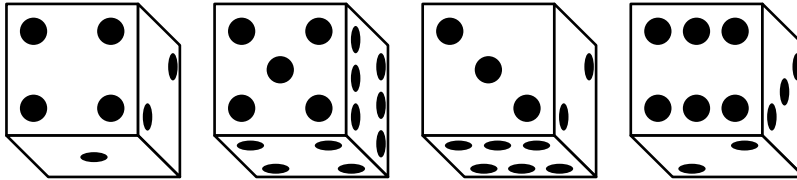
**14.** Lucinda makes a 10 to add  $8 + 7$ . Fill in the missing numbers to show how Lucinda adds.

$$8 + 7 = 8 + \underline{\hspace{2cm}} + 5$$

$$8 + 7 = 10 + \underline{\hspace{2cm}}$$

$$8 + 7 = \underline{\hspace{2cm}}$$

**15.** Is the number on the number cube even or odd?  
Match the number cube to Even or Odd.



Even

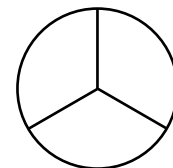
Odd

**16.** What is the difference?

$$68 - 12 = \underline{\hspace{2cm}}$$

**17.** Which of these describes how the shape is divided into equal shares?

- A.** 2 halves                      **B.** 3 thirds  
**C.** 3 fourths                      **D.** 4 fourths



**Summative Assessment** (continued)

Name \_\_\_\_\_

18. Yin buys a muffin for 1 dollar and 50 cents and a bottle of juice for 2 dollars and 25 cents. How much money does Yin spend on the muffin and juice?

19. Which equation can be used to find the sum of  $643 + 248$ ?

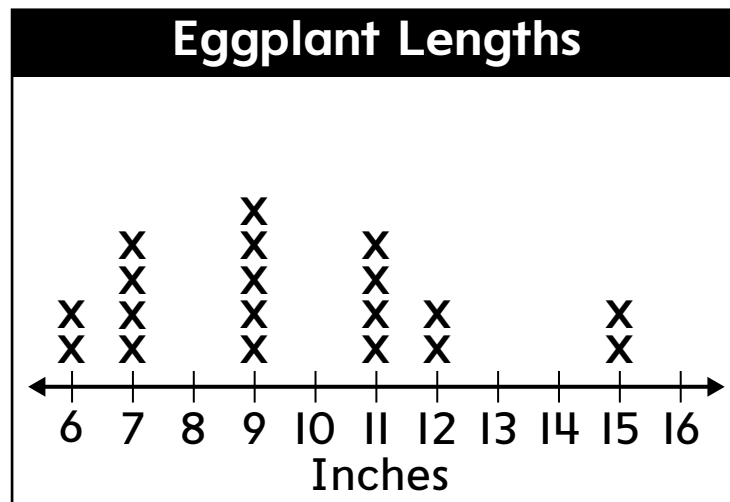
A.  $640 + 250$

B.  $641 + 250$

C.  $642 + 250$

D.  $645 + 250$

20. The line plot shows the lengths of eggplants growing in Vince's garden. Which equation can you use to find out how many eggplants are shorter than 11 inches?



A.  $2 + 4 + 5 = 11$

B.  $6 + 7 + 9 = 22$

C.  $11 + 4 = 15$

D.  $2 + 2 = 4$

21. Which double can help to find the sum of  $8 + 7$ ?

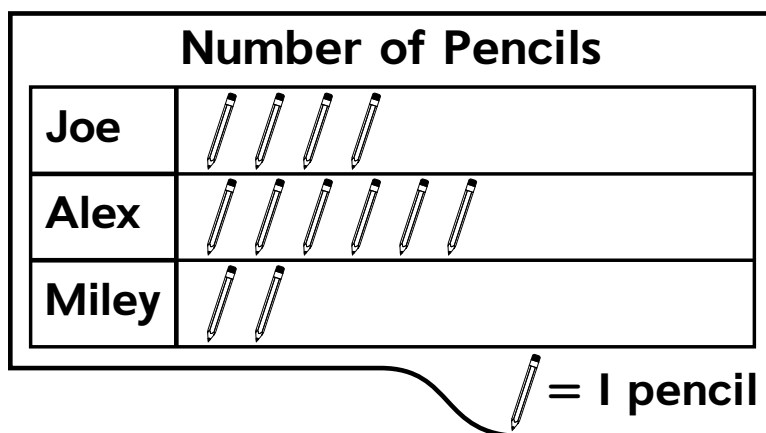
- A.  $4 + 4 = 8$
- B.  $6 + 6 = 12$
- C.  $8 + 8 = 16$
- D.  $9 + 9 = 18$

22. Dana finds 8 more shells than Felix. Felix finds 7 shells. How many shells does Dana find?

23. What is the difference?

$$821 - 10 = \underline{\hspace{2cm}}$$

24. The picture graph shows the number of pencils three students have.



Alex gives away 1 of his pencils to Miley. How many pencils does Alex have left?

- A. 2
- B. 3
- C. 5
- D. 6