



MS. RANA

2023/2024



LESSON 6-6

Solve Area Problems

Lesson 6

Learning Targets

- I can solve real-world problems involving the area of rectangles.
- I can explain how to solve real-world problems involving the area of rectangles.

Basic facts

Answers

$$100 - 50 =$$

50

$$15 + 5 =$$

20

$$18 + 0 =$$

18

COUNTING

- Count skipping by 4:
- 4,.....,40

READING NUMBERS

- **Read The Following Numbers:**
- **874**
- **544**
- **950**

PROBLEM OF THE DAY

Nader had 5 bags each one has 5 books, How many books does he now have in all?

Answer

$$5 \times 5 = 25 \text{ books}$$

Vocabulary

LET'S
LEARN



Vocabulary Reminder

area

composite figure



ADDITION



Commutative Property of Addition

$$4 + 5 = 9$$

$$4 + 5 = 5 + 4$$

$$5 + 4 = 9$$

$$9 = 9$$



Identity Property of Addition

$$3 + 0 = 3$$



Associative Property of Addition



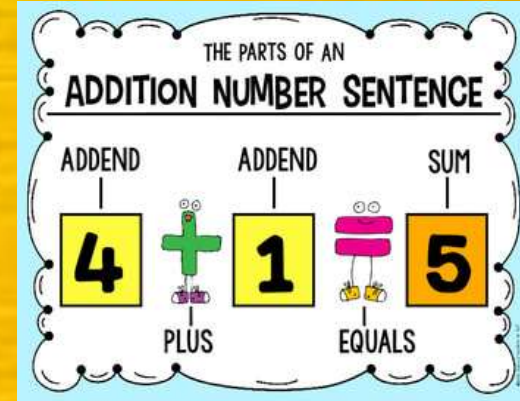
$$(2 + 5) + 4 = 11$$

$$2 + (5 + 4) = 11$$

$$(2 + 5) + 4 = 2 + (5 + 4)$$

Review

LET'S REVIEW



Review

$$10 \times 9 =$$

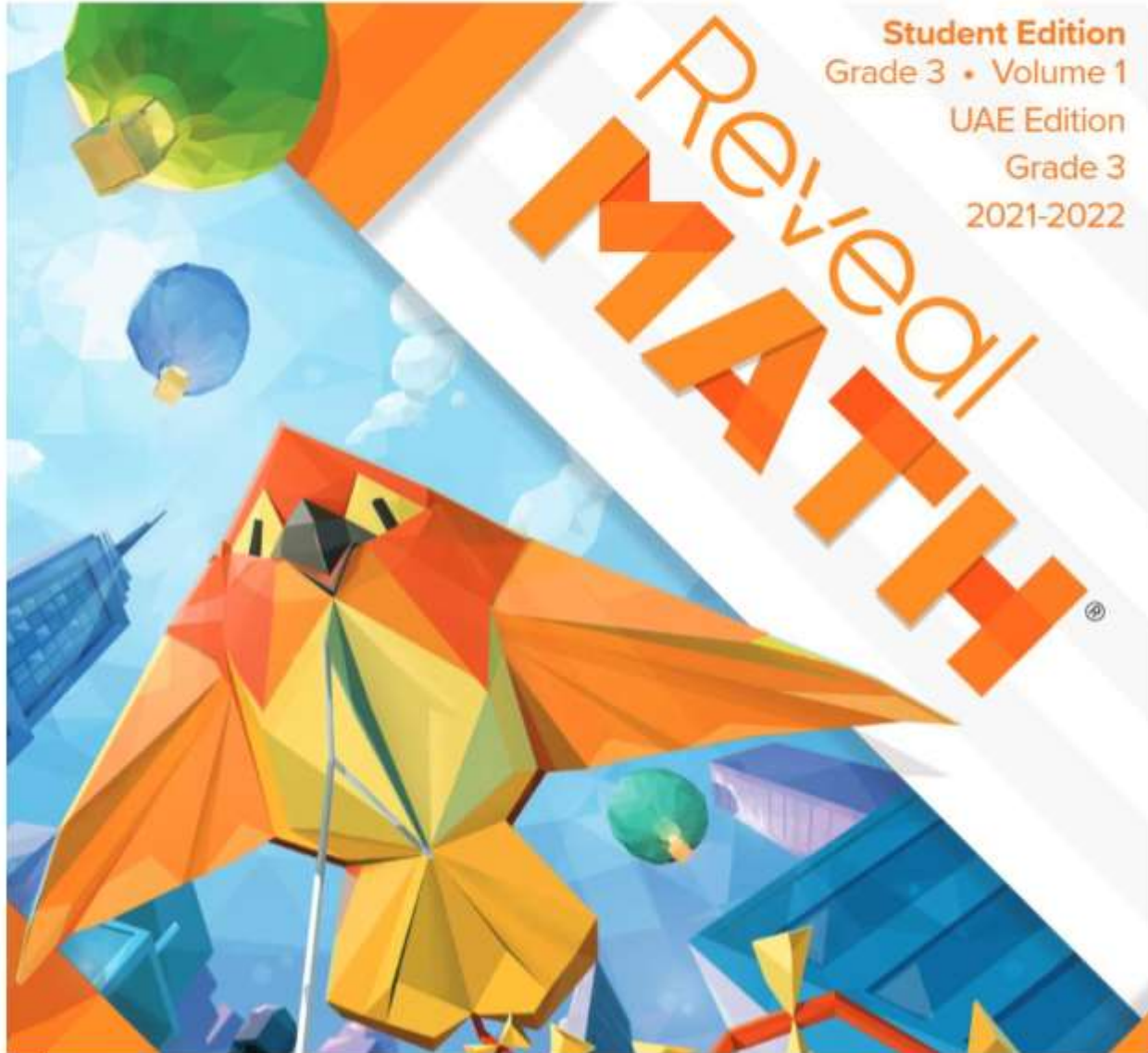
$$10 \times 8 =$$



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OPEN YOUR BOOK



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Al Diwan

<http://elib2.moe.gov.ae>

Students will watch a Youtube video



On My Own

Name _____

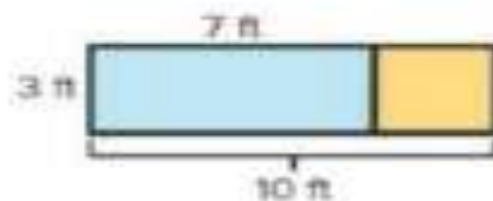
How can you solve the problem?

1. Marissa is making a banner that is 15 feet long and 4 feet wide. What is the area of the banner?



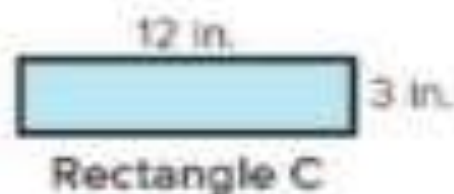
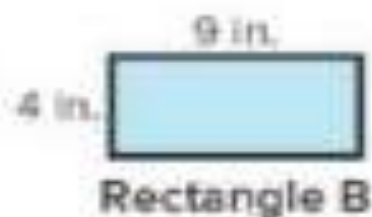
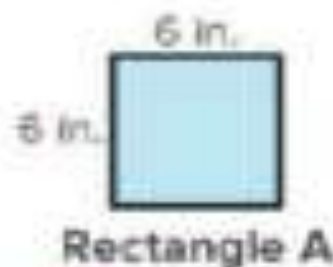
60 square feet

2. Some students are making a rectangular poster for school. Their poster is 7 feet long and 3 feet wide. The teacher wants them to increase the length of the poster to 10 feet. How will the new length change the size of the poster? Explain.



The area will increase by 9 square feet. Sample answer: The original area is 21 square feet. The new area is 30 square feet. $30 - 21 = 9$.

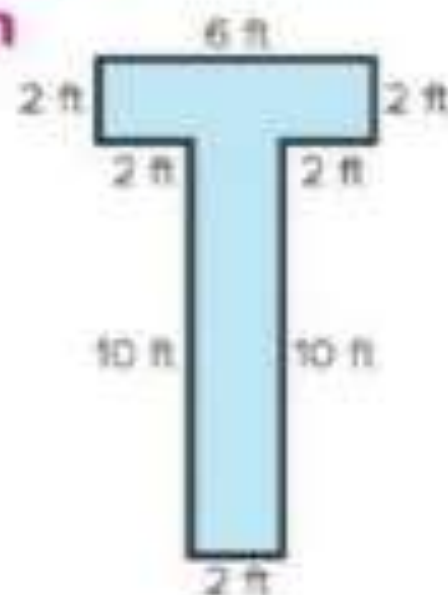
3. For a project, Huang cuts three rectangles from felt. How do their areas compare? Explain.



The areas are all equal. Sample answer: Multiply the length and width of each rectangle to get 36 square inches.

4. Talia paints a large T on the wall of her room. How much of the wall is covered by the T?

32 square feet

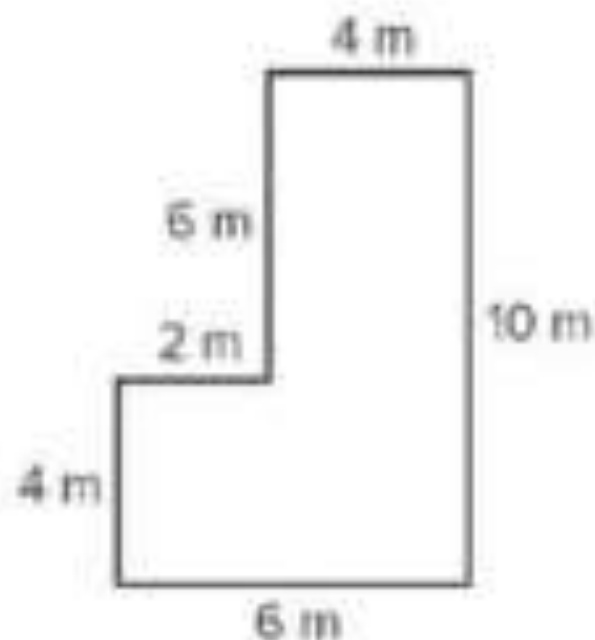


Exit Ticket

Name _____

1. Milan is putting in carpet. He measures the space that needs carpet as shown in the figure. What is the area of the carpet Milan needs?

- A. 32 square meters
- B. 48 square meters**
- C. 54 square meters
- D. 64 square meters





MATH ENRICHMENT






PRACTICE



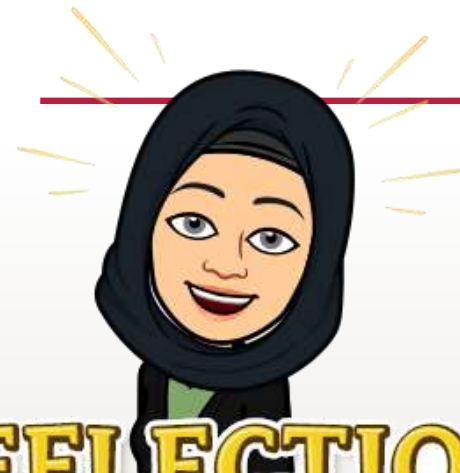
LMS



		
Hard Worker 3 Point/s	Problem Solver 3 Point/s	Star Performer 3 Point/s

Math Games





REFLECTION ON LEARNING

*How well did
you get it?*

Respond in
the meeting
chat

- | | | |
|---|---|-----------------------|
| 4 |  | Totally
got it |
| 3 |  | Pretty
much got it |
| 2 |  | Not all
the way |
| 1 |  | Not at all |