

United Arab Emirates
Ministry of Education
Cluster 2.6

Mathematics
Revision materials
Grade 4
2025-2026

Student Name	
Class	4

Part A: Multiple Choice - 4 Marks Each

الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	1	اختر الاجابة الصحيحة Choose the correct Answer
What are the values of the digits in the number?		
1,489		
A	1,000; 400; 80; 9	
B	10, 000 ; 4,000; 800; 90;0	
C	10,000; 400; 80; 9	

Question	2	اختر الاجابة الصحيحة Choose the correct Answer
What are the values of the digits in the number?		
98,124		
A	9,000 ; 800 ; 10; 20 ; 4	
B	90,000 ; 8,000 ; 100; 20 ; 4	
C	900,000 ; 80,000 ; 1,000; 200 ; 40	

Question	3	اختر الاجابة الصحيحة Choose the correct Answer
How can you describe the relationship between the values of the underlined digits?		
<u>2</u>58 and <u>2</u>,180		
A	2,000 is 10 times as much as 200	
B	200 is 10 times as much as 2,000	
C	2,000 is 1,000 times as much as 200	

Question	4	اختر الاجابة الصحيحة Choose the correct Answer
How can you describe the relationship between the values of the underlined digits?		
<u>16</u>,852 and 14,<u>6</u>74		
A	600 is 10 times as much as 6,000	
B	6,000 is 10 times as much as 600	
C	6,000 is 1,000 times as much as 600	

Part A: Multiple Choice - 4 Marks Each

الجزء الاول: اخيارات متعددة - 4 درجات لكل سؤال.

Question	5	اختر الاجابة الصحيحة Choose the correct Answer
How can you describe the relationship between the values of the underlined digits?		
<u>12</u>,184 and 54<u>1</u>,247		
A	10,000 is 100 times as much as 1,000	
B	10,000 is 10 times as much as 1,000	
C	10,000 is 1,000 times as much as 1,000	

Question	6	اختر الاجابة الصحيحة Choose the correct Answer
How can you describe the relationship between the values of the underlined digits?		
4<u>53</u> and 1,3<u>33</u>		
A	30 is 100 times as much as 3	
B	30 is 10 times as much as 3	
C	30 is 1,000 times as much as 3	

Question	7	اختر الاجابة الصحيحة Choose the correct Answer
How can you describe the relationship between the values of the underlined digits?		
1,<u>453</u> and 14,<u>333</u>		
A	4,000 is 100 times as much as 400	
B	4,000 is 10 times as much as 400	
C	4,000 is 1,000 times as much as 400	

Question	8	اختر الاجابة الصحيحة Choose the correct Answer
How can you describe the relationship between the values of the underlined digits?		
<u>12</u>6,852 and 1<u>2</u>,674		
A	20,000 is 100 times as much as 2,000	
B	20,000 is 10 times as much as 2,000	
C	20,000 is 1,000 times as much as 2,000	

Part A: Multiple Choice - 4 Marks Each

الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	9	اختر الاجابة الصحيحة Choose the correct Answer
How can you compare the numbers?		
5,598 ○ 55,889		
A	<	
B	>	
C	=	

Question	10	اختر الاجابة الصحيحة Choose the correct Answer
How can you compare the numbers?		
123,710 ○ 123,711		
A	<	
B	>	
C	=	

Question	11	اختر الاجابة الصحيحة Choose the correct Answer
How can you compare the numbers?		
628,910 ○ 628,800		
A	<	
B	>	
C	=	

Question	12	اختر الاجابة الصحيحة Choose the correct Answer
How can you compare the numbers?		
709,103 ○ 709,130		
A	<	
B	>	
C	=	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	13	اختر الاجابة الصحيحة Choose the correct Answer
How can you compare the numbers?		
$6,217 \bigcirc 6,241$		
A	<	
B	>	
C	=	

Question	14	اختر الاجابة الصحيحة Choose the correct Answer
How can you compare the numbers?		
$43,829 \bigcirc 43,598$		
A	<	
B	>	
C	=	

Question	15	اختر الاجابة الصحيحة Choose the correct Answer
Is the comparison true or false?		هل العلاقة صحيحة؟
$1,780 < 11,780$		
A	True	
B	False	

Question	16	اختر الاجابة الصحيحة Choose the correct Answer
Is the comparison true or false?		هل العلاقة صحيحة؟
$720,301 < 720,031$		
A	True	
B	False	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	17	اختر الاجابة الصحيحة Choose the correct Answer
Is the comparison true or false?		هل العلاقة صحيحة؟
$34,646 > 321,446$		
A	True	
B	False	

Question	18	اختر الاجابة الصحيحة Choose the correct Answer
Is the comparison true or false?		هل العلاقة صحيحة؟
$24,747 < 24,774$		
A	True	
B	False	

Question	19	اختر الاجابة الصحيحة Choose the correct Answer
Which statements are true?		ما الجملة الصحيحة؟
A	$2,315 > 1,319$	
B	$2,315 < 1,319$	
C	$1,319 > 2,315$	
D	$2,315 = 1,319$	

Question	20	اختر الاجابة الصحيحة Choose the correct Answer
Round 478,309 to the nearest thousand.		قرب الرقم 478,309 لاقرب ألف.
A	478,000	
B	400,000	
C	479,000	
D	478,300	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	21	اختر الاجابة الصحيحة Choose the correct Answer
Round 105,201 to the nearest hundred thousand.		قرب الرقم 105,201 لاقرب مئة ألف.
A	200,000	
B	100,000	
C	105,000	
D	106,000	

Question	22	اختر الاجابة الصحيحة Choose the correct Answer
Round 95,550 to the nearest ten thousand.		قرب الرقم 95,550 لاقرب عشر الآف.
A	10,000	
B	90,000	
C	100,000	
D	95,000	

Question	23	اختر الاجابة الصحيحة Choose the correct Answer
Round 132,847 to the nearest thousand.		قرب الرقم 132,847 لاقرب الف.
A	132,800	
B	133,000	
C	130,000	
D	132,000	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	24	اخر الاجابة الصحيحة Choose the correct Answer
Round 392,483 to the nearest thousand.		قرب الرقم 392,483 لاقرب الف.
A	391,000	
B	393,000	
C	392,000	
D	300,000	

Question	25	اخر الاجابة الصحيحة Choose the correct Answer
Round 392,483 to the nearest hundred thousand.		قرب الرقم 392,483 لاقرب مئة الآف.
A	392,000	
B	390,000	
C	380,000	
D	400,000	

Question	26	اخر الاجابة الصحيحة Choose the correct Answer
Which number represents sixty-two thousand, four hundred ninety-five?		
A	62,495	
B	60,249	
C	602,495	

Question	27	اخر الاجابة الصحيحة Choose the correct Answer
In which number does the digit 2 have a value that is ten times the value of the digit 2 in 12,738?		
A	26	
B	2,387	
C	23,901	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	28	اختر الاجابة الصحيحة Choose ALL the correct answers
Which of the following are different ways to represent the number 40,381?		
A	4,000 + 300 + 80 + 1	
B	Forty thousand, three hundred and eighty-one	
C	40,000 + 300 + 80 + 1	
D	Four thousand, three hundred and eighty-one	

Question	29	اختر الاجابة الصحيحة Choose ALL the correct answers
Which statements are true?		
A	$2,351 > 1,319$	
B	$1,319 > 2,351$	
C	$2,315 = 1,319$	
D	$1,319 < 2,315$	

Learn

A school principal has about \$8,000 to spend on new playground equipment. The table shows the top three items students selected.

Can the principal order the double slide and the climbing wall?

Playground Equipment	
Item	Cost
Double Slide	\$3,919
Geodome	\$2,218
Climbing wall	\$3,564

You can estimate the total cost of the two items.

▶ **One Way** Round to the nearest hundred.

$$3,919 + 3,564 = ?$$

Round to nearest hundred

$$3,900 + 3,600 = 7,500$$

▶ **Another Way** Use **front-end estimation**.

$$3,919 + 3,564 = ?$$

Front-end estimation

$$3,000 + 3,000 = 6,000$$

$$3,919 + 3,564 = 7,483$$

The exact sum is close to the estimated sums.

It is reasonable to think that the principal can order both items.

You can use estimation strategies, such as rounding and front-end estimation to find estimated sums. Estimating sums or differences is useful to determine the reasonableness of a calculated solution.

Math is... Thinking

Why is it important to consider the situation when choosing an estimation strategy?

Work Together

About how much more money will the school principal need to purchase all three items? Explain your thinking.

Sample answer: About \$2,000 more. I rounded to the nearest thousand. $4,000 + 2,000 + 4,000 = 10,000$; $10,000 - 8,000 = 2,000$

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	30	اختر الاجابة الصحيحة Choose the correct Answer
Estimate the sum.		قدر المجموع.
$3,783 + 1,416 = \underline{\hspace{2cm}}$		
A	6,000	
B	5,000	
C	4,000	
D	4,500	

Question	31	اختر الاجابة الصحيحة Choose the correct Answer
Estimate the sum.		قدر المجموع.
$3,155 + 2,205 = \underline{\hspace{2cm}}$		
A	5,100	
B	6,000	
C	5,400	
D	5,300	

Question	32	اختر الاجابة الصحيحة Choose the correct Answer
Estimate the difference.		قدر الفرق.
$5,246 - 392 = \underline{\hspace{2cm}}$		
A	4,200	
B	4,300	
C	4,800	
D	4,500	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	33	اختر الاجابة الصحيحة Choose the correct Answer
Estimate the difference.		قدر الفرق.
$15,410 - 11,280 = \underline{\hspace{2cm}}$		
A	3,000	
B	5,000	
C	4,000	
D	400	

Question	34	اختر الاجابة الصحيحة Choose the correct Answer
What is the sum?		ما المجموع؟
$4,380 + 612 = \underline{\hspace{2cm}}$		
A	6,845	
B	3,958	
C	4,543	
D	4,992	

Question	35	اختر الاجابة الصحيحة Choose the correct Answer
What is the sum?		ما المجموع؟
$12,943 + 4,036 = \underline{\hspace{2cm}}$		
A	16,365	
B	16,979	
C	52,267	
D	49,664	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	36	اختر الاجابة الصحيحة Choose the correct Answer
What is the sum?		ما المجموع؟
$42,818 + 7,120 = \underline{\hspace{2cm}}$		
A	49,998	
B	49,938	
C	40,996	
D	44,998	

Question	37	اختر الاجابة الصحيحة Choose the correct Answer
What is the sum?		ما المجموع؟
$8,405 + 1,571 = \underline{\hspace{2cm}}$		
A	4,452	
B	9,975	
C	9,976	
D	4,213	

Question	38	اختر الاجابة الصحيحة Choose the correct Answer
What is the sum?		ما المجموع؟
$7,364 + 2,321 = \underline{\hspace{2cm}}$		
A	9,685	
B	6,123	
C	6,659	
D	9,684	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	39	اختر الاجابة الصحيحة Choose the correct Answer
What is the sum?		ما المجموع؟
$4,129 + 2,530 = \underline{\hspace{2cm}}$		
A	6,659	
B	4,311	
C	6,661	
D	6,650	

Question	40	اختر الاجابة الصحيحة Choose the correct Answer
What is the sum?		ما المجموع؟
$1,458 + 926 = \underline{\hspace{2cm}}$		
A	2,265	
B	2,483	
C	2,384	
D	1,926	

Question	41	اختر الاجابة الصحيحة Choose the correct Answer
What is the sum?		ما المجموع؟
$4,239 + 765 = \underline{\hspace{2cm}}$		
A	5,004	
B	5,400	
C	4,765	
D	4,954	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	42	اختر الاجابة الصحيحة Choose the correct Answer
What is the sum?		ما المجموع؟
$2,744 + 1,306 = \underline{\hspace{2cm}}$		
A	4,050	
B	4,123	
C	5,123	
D	4,769	

Question	43	اختر الاجابة الصحيحة Choose the correct Answer
What is the sum?		ما المجموع؟
$4,827 + 3,505 = \underline{\hspace{2cm}}$		
A	8,864	
B	8,543	
C	9,643	
D	8,332	

Question	44	اختر الاجابة الصحيحة Choose the correct Answer
What is the sum?		ما المجموع؟
$9,087 + 7,668 = \underline{\hspace{2cm}}$		
A	16,765	
B	16,755	
C	15,765	
D	15,345	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	45	اختر الاجابة الصحيحة Choose the correct Answer
Find the difference		
$2,532 - 1,301 = \underline{\hspace{2cm}}$		
A	2,675	
B	1,332	
C	1,231	
D	3,569	

Question	46	اختر الاجابة الصحيحة Choose the correct Answer
Find the difference		
$6,489 - 2,472 = \underline{\hspace{2cm}}$		
A	4,017	
B	3,018	
C	4,123	
D	3,592	

Question	47	اختر الاجابة الصحيحة Choose the correct Answer
Find the difference		
$8,018 - 7,659 = \underline{\hspace{2cm}}$		
A	646	
B	1,784	
C	573	
D	359	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	48	اختر الاجابة الصحيحة Choose the correct Answer
Find the difference		
$11,023 - 1,414 = \underline{\hspace{2cm}}$		
A	2,674	
B	9,609	
C	8,797	
D	4,756	

Question	49	اختر الاجابة الصحيحة Choose the correct Answer
Find the difference		
$12,469 - 10,212 = \underline{\hspace{2cm}}$		
A	3,765	
B	2,562	
C	2,256	
D	2,257	

Question	50	اختر الاجابة الصحيحة Choose the correct Answer
Find the difference		
$97,137 - 24,677 = \underline{\hspace{2cm}}$		
A	2,000	
B	72,746	
C	72,460	
D	70,654	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	51	اختر الاجابة الصحيحة Choose the correct Answer
Find the difference		
$46,597 - 4,267 = \underline{\hspace{2cm}}$		
A	42,330	
B	33,897	
C	42,303	
D	4,767	

Question	52	اختر الاجابة الصحيحة Choose the correct Answer
Find the difference		
$84,649 - 126 = \underline{\hspace{2cm}}$		
A	48,627	
B	84,325	
C	78,675	
D	84,523	

Question	53	اختر الاجابة الصحيحة Choose the correct Answer
A restaurant served 14,299 meals in January and 13,039 meals in February. How many more meals did the restaurant serve in January than in February?		
A	1,370	
B	2,785	
C	1,260	
D	2,785	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	54	اختر الاجابة الصحيحة Choose the correct Answer
The first night of a play 3,568 tickets were sold. The second night 2,984 tickets were sold. How many more tickets were sold on the first night?		
A	167 tickets	
B	278 tickets	
C	584 tickets	
D	897 tickets	

Question	55	اختر الاجابة الصحيحة Choose the correct Answer
Find the difference		
$\begin{array}{r} 12,923 \\ - 10,712 \\ \hline = \end{array}$		
A	2,111	
B	2,211	
C	4,456	
D	2,537	

Question	56	اختر الاجابة الصحيحة Choose the correct Answer
Find the difference		
$\begin{array}{r} 2,646 \\ - 1,335 \\ \hline = \end{array}$		
A	1,211	
B	2,111	
C	1,311	
D	2,117	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	57	اختر الاجابة الصحيحة Choose the correct Answer
Find the difference		
$\begin{array}{r} 7,438 \\ - 5,225 \\ \hline \end{array}$		
A	2,222	
B	2,213	
C	2,897	
D	2,333	

Question	58	اختر الاجابة الصحيحة Choose the correct Answer
Find the difference		
$\begin{array}{r} 267,982 \\ - 132,580 \\ \hline \end{array}$		
A	136,987	
B	135,502	
C	135,402	
D	257,876	

Question	59	اختر الاجابة الصحيحة Choose the correct Answer
Addie and her family are driving to Florida to see her grandmother. The trip is 1,387 miles. They drove 365 miles the first day. How many miles do they have left to drive?		
A	1,896 miles	
B	2,967 miles	
C	1,253 miles	
D	1,022 miles	

Part A: Multiple Choice - 4 Marks Each

الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	60	اختر الاجابة الصحيحة Choose the correct Answer
A summer camp is building new cabins. They spent \$2,789 for wood and tools to complete the project. The tools cost \$1,024. How much did the summer camp spend on wood.		
A	\$ 1,765	
B	\$ 1,896	
C	\$ 1,476	
D	\$ 1,756	

Question	61	اختر الاجابة الصحيحة Choose the correct Answer
What are the missing digits?		ما هي الارقام الناقصة؟
$ \begin{array}{r} 2 \square 1 \square 9 \\ + \quad \quad 84 \square \\ \hline 22 \square 04 \end{array} $		
A	$ \begin{array}{r} 2 \boxed{1} 1 \boxed{5} 9 \\ + \quad \quad 84 \boxed{5} \\ \hline 22 \boxed{0} 04 \end{array} $	
B	$ \begin{array}{r} 2 \boxed{2} 1 \boxed{4} 9 \\ + \quad \quad 84 \boxed{5} \\ \hline 22 \boxed{9} 04 \end{array} $	
C	$ \begin{array}{r} 2 \boxed{0} 1 \boxed{3} 9 \\ + \quad \quad 84 \boxed{1} \\ \hline 22 \boxed{9} 04 \end{array} $	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	62	اختر الاجابة الصحيحة Choose the correct Answer
	Jamar needs beads for costumes for a school play. The king's costume needs 3,250 beads. The queen's costume needs 1,750 more beads than the king's costume. The jester's costume needs 750 fewer beads than the queen's costume. How many beads does Jamar need for all three costumes?	تحتاج جمر إلى الخز لأزياء مسرحية مدرسية. يحتاج زي الملك إلى 3250 خرزة. يحتاج زي الملكة إلى 1750 خرزة أكثر من زي الملك. يحتاج زي المهرج إلى 750 خرزة أقل من زي الملكة. كم عدد الخزرات التي تحتاجها جمر للأزياء الثلاثة؟
A	5,000	
B	4,250	
C	12,500	

Question	63	اختر الاجابة الصحيحة Choose the correct Answer
There are 550 students eating lunch in four different picnic areas of the zoo. How many students are eating lunch at Flamingo Feast?		هناك 550 طالبًا يتناولون الغداء في أربع مناطق نزهة مختلفة بحديقة الحيوان. كم عدد الطلاب الذين يتناولون وجبة الغداء في مطعم Flamingo Feast؟
	Picnic Area	Number of Students
	Giraffe Jump	217
	Manatee Munch	138
	Gorilla Garden	97
	Flamingo feast	?
A	98	
B	102	
C	123	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	64	اختر الاجابة الصحيحة Choose the correct Answer
	An art teacher had 140 jars of paint. In the first half of the year, her students used 95 jars of paint. The teacher bought 35 more jars of paint. At the end of the year, she had 15 unused jars of paint. How many jars of paint did her students use in the second half of the year?	كان لدى مدرس فنون 140 جرة من الطلاء. وفي النصف الاول من العام، استخدم طلابها 95 جرة من الطلاء. اشترى المعلم 35 جرة طلاء إضافية. وفي نهاية العام، كان لديها 15 جرة طلاء غير مستخدمة. ما عدد جرة الطلاء التي استخدمها طلابها في النصف الثاني من العام؟
A	37	
B	76	
C	65	

Question	65	اختر الاجابة الصحيحة Choose the correct Answer
	The cafeteria distributed 940 cartons of milk at breakfast and 1,670 cartons of milk at lunch. The cafeteria had 7,036 cartons of milk at the end of the day. How many cartons of milk did the cafeteria have at the beginning of the day?	قامت الكافتيريا بتوزيع 940 كرتونة حليب على الإفطار و 1,670 كرتونة من الحليب على الغداء. تحتوي الكافتيريا على 7036 كرتونة من الحليب في نهاية اليوم. كم عدد علب الحليب التي صنعت الكافتيريا في بداية اليوم؟
A	9,646	
B	7,265	
C	8,376	

Learn

How can you describe the relationship between the number of cubes in Stick C and Stick D?

Stick A  2 cubes

Stick B  5 cubes

Stick C  10 cubes

Stick D  20 cubes

You can use multiplication to compare two quantities.

Stick C  10 cubes
Stick D  20 cubes

Math is... **Thinking**

How does the equation show the relationship?

You can say that 20 is *2 times as much as* 10.

This can be represented using the equation $20 = 2 \times 10$.

Stick A 
Stick D  20 cubes

You can say that 20 is *10 times as much as* 2.

This can be represented using the equation $20 = 10 \times 2$.

A **multiplicative comparison** statement tells the relationship between two quantities using multiplication. You can use terms such as *times as many as* or *times as much as* to describe the relationship.

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	66	اختر الاجابة الصحيحة Choose the correct Answer
Which statement can be represented by the equation $3 \times 9 = 27$?		ما العبارة التي يمكن تمثيلها بالمعادلة $3 \times 9 = 27$ ؟
A	3 is 3 times as much as 27.	3 هو 3 أضعاف 27
B	27 is 9 times as much as 9.	27 هو 3 أضعاف 3
C	3 is 9 times as much as 27.	3 هو 9 أضعاف 27
D	27 is 3 times as much as 9.	27 هو 3 أضعاف 9

Question	67	اختر الاجابة الصحيحة Choose the correct Answer
Which statement is true?		اي عبارة صحيحة؟
A	18 is 2 times as much as 9.	3 هو 3 أضعاف 27
B	2 is 9 times as much as 18.	27 هو 3 أضعاف 3
C	9 is 2 times as much as 18.	3 هو 9 أضعاف 27
D	9 is 18 times as much as 2.	27 هو 3 أضعاف 9

Question	68	اختر الاجابة الصحيحة Choose the correct Answer
Complete the multiplicative comparison statement.		
Stick A  Stick B 		
There are _____ times as many cubes in Stick A as in stick B		
A	5	
B	8	
C	3	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	69	اختر الاجابة الصحيحة Choose the correct Answer
What multiplicative comparison statement can you write about the number of cubes in the two sticks?		
 2 cubes  10 cubes		
There are _____ times as many cubes in Stick A as in stick B		
A	10 is 5 times as much as 2.	
B	10 is 2 times as much as 3.	
C	4 is 10 times as much as 3.	

Question	70	اختر الاجابة الصحيحة Choose the correct Answer
Which equation can be used to represent the multiplicative comparison 24 is 4 times as much as 6?		
A	$4 = 24 \times 6$	
B	$24 = 4 \times 6$	
C	$6 = 24 \times 6$	
D	$4 = 6 \times 6$	

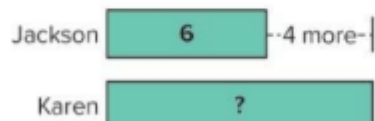
Question	71	اختر الاجابة الصحيحة Choose the correct Answer
Sarah and Mark are looking at the equation $450 = 90 \times 5$. Sarah says it means 450 is 90 times as much as 5. Mark says it means 450 is 5 times as much as 90. How do you respond to them?		
A	Sarah is correct	
B	Mark is correct	
C	Both Sarah and Mark are correct	

Learn

Jackson biked 6 miles. Karen biked 4 more miles than Jackson.
Terry biked 4 times as many miles as Jackson.

How many miles did Karen and Terry bike?

Jackson biked 6 miles. Karen biked 4 *more* miles than Jackson.



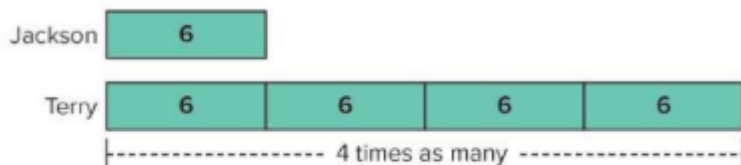
Math is... Modeling

How does the bar diagram represent the problem?

$6 + 4 = 10$ So, Karen biked 10 miles.

This is an additive comparison situation.

Jackson biked 6 miles. Terry biked 4 *times as many* miles as Jackson.



$4 \times 6 = 24$ So, Terry biked 24 miles.

This is a multiplicative comparison situation.

Additive comparison statements compare quantities by telling how many more. They are represented by addition equations.

Multiplicative comparison statements compare quantities by telling how many times. They are represented by multiplication equations.

Part A: Multiple Choice - 4 Marks Each**الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.**

Question	72	اختر الاجابة الصحيحة Choose the correct Answer
What equation can you write to represent and solve the comparison? 8 more than 4		
A	$8 \div 4 = 2$	
B	$4 \times 8 = 32$	
C	$4 + 8 = 12$	

Question	73	اختر الاجابة الصحيحة Choose the correct Answer
What equation can you write to represent and solve the comparison? 3 times as many as 5		
A	$15 - 5 = 10$	
B	$3 \times 5 = 15$	
C	$3 + 5 = 15$	
D	$15 \div 3 = 5$	

Question	74	اختر الاجابة الصحيحة Choose the correct Answer
What equation can you write to represent and solve the comparison? 2 times as long as 9 feet.		
A	$18 - 2 = 9$	
B	$2 \times 9 = 18$	
C	$2 + 9 = 11$	
D	$18 \div 2 = 9$	

Part A: Multiple Choice - 4 Marks Each**الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.**

Question	75	اختر الاجابة الصحيحة Choose the correct Answer
What equation can you write to represent and solve the comparison? 5 times as far as 10 miles		
A	$10 \div 5 = 2$	
B	$5 \times 10 = 50$	
C	$5 + 10 = 15$	

Question	76	اختر الاجابة الصحيحة Choose the correct Answer
A small bridge is 40 feet long. A new bridge is 3 times as long as the small bridge. How long is the new bridge? What equation can you write to represent the problem?		
A	$40 - 3 = 37 \text{ feet}$	
B	$3 \times 40 = 120 \text{ feet}$	
C	$3 + 40 = 43 \text{ feet}$	
D	$40 \div 3 = 10$	

Question	77	اختر الاجابة الصحيحة Choose the correct Answer
Raya has 8 pencils in her school box. Miranda has 4 more pencils than Raya. How many pencils does Miranda have? What equation can you write to represent the problem?		
A	$8 - 4 = 4$	
B	$8 \times 4 = 32$	
C	$8 + 4 = 12$	
D	$8 \div 4 = 2$	

Part A: Multiple Choice - 4 Marks Each

الجزء الاول: اختيارات متعددة - 4 درجات لكل سؤال.

Question	78	اختر الاجابة الصحيحة Choose the correct Answer
What is the unknown number? Write a division equation to represent the comparison. 24 is 8 times as much as ?		
A	$24 \div 8 = 3$	
B	$24 \div 8 = 2$	
C	$24 \div 8 = 4$	

Question	79	اختر الاجابة الصحيحة Choose the correct Answer
What is the unknown number? Write a division equation to represent the comparison. 20 is ? times as much as 5		
A	$20 \div 5 = 3$	
B	$20 \div 5 = 4$	
C	$20 \div 5 = 5$	

Question	80	اختر الاجابة الصحيحة Choose the correct Answer
What is the unknown number? Write a division equation to represent the comparison. 18 is ? times as much as 6.		
A	$18 \div 6 = 2$	
B	$18 \div 6 = 3$	
C	$18 \div 6 = 4$	

Question	81	اختر الاجابة الصحيحة Choose the correct Answer
What is the unknown number? Write a division equation to represent the comparison. 16 is 4 times as much as ?		
A	$16 \div 4 = 2$	
B	$16 \div 4 = 3$	
C	$16 \div 4 = 4$	

Part A: Multiple Choice - 4 Marks Each**الجزء الاول: اختيارات متعددة - 4 درجات لكل سؤال.**

Question	82	اختر الاجابة الصحيحة Choose the correct Answer
How can you represent the problem? Write a division equation to solve. A piece of green string is 48 inches long. How many times as long is the green string than a piece of red string that is 8 inches long?		
A	$48 \div 8 = 4$	
B	$48 \div 8 = 6$	
C	$48 \div 8 = 8$	

Question	83	اختر الاجابة الصحيحة Choose the correct Answer
How can you represent the problem? Write a division equation to solve. Ellie has 50 blue blocks. She has 5 times as many blue blocks as white blocks. How many white blocks does she have?		
A	$50 \div 5 = 10$	
B	$50 \div 5 = 20$	
C	$50 \div 5 = 25$	

Question	84	اختر الاجابة الصحيحة Choose the correct Answer
Which equation represents the problem? Paula sends 5 times as many texts as her mother. Paula sends 40 texts. How many texts does her mother send?		
A	$? + 5 = 40$	
B	$40 \times 5 = ?$	
C	$40 + 5 = ?$	
D	$40 \div 5 = ?$	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: اختيارات متعددة - 4 درجات لكل سؤال.

Question	85-A	اختر الاجابة الصحيحة Choose ALL the correct Answers
During a trip to the beach. Cheri collects 4 times as many seashells as Natalie. Cheri collects 24 seashells. How many seashells did Natalie collect? What equations can you write to represent the problem? Use ? to represent the unknown.		
A	$4 \times ? = 24$	
B	$24 \div 4 = ?$	
C	$24 \div 4 = 3$	

Question	85-B	اختر الاجابة الصحيحة Choose the correct Answer
What is the solution to the problem?		
A	3 seashells	
B	4 seashells	
C	6 seashells	

Part A: Multiple Choice - 4 Marks Each

الجزء الاول: اختيارات متعددة - 4 درجات لكل سؤال.

Question	86	اختر الاجابة الصحيحة Choose the correct Answer
----------	----	---

What are the factor pairs of 14?

A	4 and 8, 12 and 14
B	1 and 14, 2 and 7
C	1 and 7, 10 and 14

Question	87	اختر الاجابة الصحيحة Choose the correct Answer
----------	----	---

What are the factor pairs of 65?

A	1 and 65, 5 and 13
B	1 and 13, 2 and 65
C	3 and 65, 10 and 45

Question	88	اختر الاجابة الصحيحة Choose the correct Answer
----------	----	---

What are the factors of 23?

A	1 and 17, 2 and 23
B	1 and 23
C	1 and 23, 2 and 12

Question	89	اختر الاجابة الصحيحة Choose the correct Answer
----------	----	---

What are the factors of 64?

A	1 and 64, 2 and 34, 4 and 16, 3 and 8
B	1 and 64, 2 and 22, 6 and 16, 4 and 8
C	1 and 64, 2 and 32, 4 and 16, 8 and 8

Question	90	اختر الاجابة الصحيحة Choose the correct Answer
----------	----	---

What are the factors of 32?

A	1 and 32, 2 and 16, 4 and 8
B	1 and 8, 2 and 32, 6 and 16
C	1 and 23, 2 and 8, 4 and 16, 6 and 8

Part A: Multiple Choice - 4 Marks Each

الجزء الاول: اختيارات متعددة - 4 درجات لكل سؤال.

Question	91	اختر الاجابة الصحيحة Choose the correct Answer
What are the factor pairs of 100?		
A	1 and 100 , 2 and 50, 4 and 25, 5 and 20, 10 and 10	
B	1 and 100 and 2 and 50	
C	1 and 50, 4 and 25	

Question	92	اختر الاجابة الصحيحة Choose the correct Answer
Adrian arranges 12 flowers. He puts the same number of flowers in each vase and can use up to 6 vases. What are two ways of arranging the flowers?		
A	4 vases with 3 flowers each.	
B	6 vases with 2 flowers each.	
C	4 vases with 5 flowers each.	

Part A: Multiple Choice - 4 Marks Each

الجزء الاول: اختيارات متعددة - 4 درجات لكل سؤال.

Question	93	اختر الاجابة الصحيحة Choose the correct Answer
Is the number 3 prime or composite?		
A	Prime Number	
B	Composite Number	

Question	94	اختر الاجابة الصحيحة Choose the correct Answer
Is the number 24 prime or composite?		
A	Prime Number	
B	Composite Number	

Question	95	اختر الاجابة الصحيحة Choose the correct Answer
Is the number 15 prime or composite?		
A	Prime Number	
B	Composite Number	

Question	96	اختر الاجابة الصحيحة Choose the correct Answer
Is the number 87 prime or composite?		
A	Prime Number	
B	Composite Number	

Question	97	اختر الاجابة الصحيحة Choose the correct Answer
Is the number 31 prime or composite?		
A	Prime Number	
B	Composite Number	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	98	اختر الاجابة الصحيحة Choose the correct Answer
Is the number 2 prime or composite?		
A	Prime Number	
B	Composite Number	

Question	99	اختر الاجابة الصحيحة Choose the correct Answer
All even numbers greater than 2 are composite. True or false?		
A	True	
B	False	

Question	100	اختر الاجابة الصحيحة Choose the correct Answer
1 is a prime number. True or False?		
A	True	
B	False	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: اختيارات متعددة - 4 درجات لكل

Question	101	اختر الاجابة الصحيحة Choose the correct Answer
All odd numbers are prime? True or false.		
A	True	
B	False	

Question	102	اختر الاجابة الصحيحة Choose the correct Answer
All prime numbers are odd. True or false?		
A	True	
B	False	

Question	103	اختر الاجابة الصحيحة Choose the correct Answer
What are the multiples of 4?		
A	4,8,12,16,20	
B	4,6,8,10,12	
C	4,7,10,13,16	

Question	104	اختر الاجابة الصحيحة Choose the correct Answer
What are the multiples of 7?		
A	7,10,13,16,19	
B	7,14,21,28,35	
C	7,12,17,22,27	

Question	105	اختر الاجابة الصحيحة Choose the correct Answer
What are the multiples of 12?		
A	12,16,20,24,28	
B	12,24,36,48,60	
C	12,15,18,21,24	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	106	اختر الاجابة الصحيحة Choose the correct Answer
What are the multiples of 12?		
A	12,16,20,24,28	
B	12,24,36,48,60	
C	12,15,18,21,24	

Question	107	اختر الاجابة الصحيحة Choose the correct Answer
Which number is a multiple of 9?		
A	15	
B	20	
C	45	
D	40	

Question	108	اختر الاجابة الصحيحة Choose the correct Answer
Which number is a multiple of 4?		
A	8	
B	14	
C	21	
D	10	

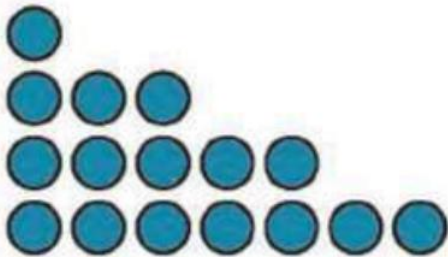
Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	109	اختر الاجابة الصحيحة Choose the correct Answer
What is the pattern unit? 		
A	1 square, 2 circles, 3 triangles	
B	1 circle, 2 squares, 1 triangle	
C	2 squares, 1 circle, 1 triangle	

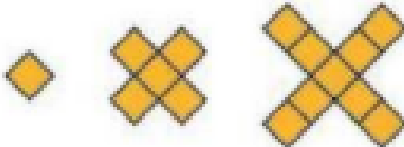
Question	110	اختر الاجابة الصحيحة Choose the correct Answer
What is the pattern rule? 6,12,24,48,96		
A	Multiply by 2	
B	Add 2	
C	Subtract 2	

Question	111	اختر الاجابة الصحيحة Choose the correct Answer
What is the pattern unit? 4,8,10,4,8,10		
A	Add 4	
B	Add 2	
C	4,8,10	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	112	اختر الاجابة الصحيحة Choose the correct Answer
What is the pattern rule?		
		
A	Add 3 circles	
B	Add 2 circles	
C	Add 1 circle	

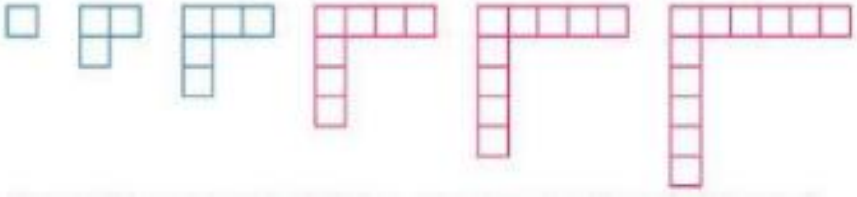
Question	113	اختر الاجابة الصحيحة Choose the correct Answer
What is the pattern unit or rule?		
12,20,28,36,44		
A	Multiply by 8	
B	Add 8	
C	Subtract 8	

Question	114	اختر الاجابة الصحيحة Choose the correct Answer
What is the pattern rule?		
		
A	Add 3 squares to each end of the figure.	
B	Add 2 squares to each end of the figure.	
C	Add 1 square to each end of the figure.	

Part A: Multiple Choice - 4 Marks Each

الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	115	اختر الاجابة الصحيحة Choose the correct Answer
Extend the pattern to determine three or more numbers or shapes in the pattern. 36,30,24, ____, ____, ____.		
A	18, 12, 6	
B	20, 16, 12	
C	18,16,12	

Question	116	اختر الاجابة الصحيحة Choose the correct Answer
What is the pattern rule? 		
A	Add 3 squares to the right and bottom of the figure.	
B	Add 2 squares to the right and bottom of the figure.	
C	Add 1 square to the right and bottom of the figure.	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	117	اختر الاجابة الصحيحة Choose the correct Answer
Multiply: 6×600		
A	3,600	
B	3,000	
C	3,200	

Question	118	اختر الاجابة الصحيحة Choose the correct Answer
Multiply: 7×300		
A	2,100	
B	210	
C	2,000	

Question	119	اختر الاجابة الصحيحة Choose the correct Answer
Multiply: 6×6000		
A	3,60	
B	3,600	
C	36,000	

Question	120	اختر الاجابة الصحيحة Choose the correct Answer
Multiply: 8×80		
A	6,400	
B	640	
C	530	

Question	121	اختر الاجابة الصحيحة Choose the correct Answer
Multiply: 4×40		
A	100	
B	120	
C	160	

Part A: Multiple Choice - 4 Marks Each
الجزء الاول: احيارات متعددة - 4 درجات لكل سؤال.

Question	122	اختر الاجابة الصحيحة Choose the correct Answer
----------	-----	---

Multiply: 20×20

A	40
B	4,000
C	400

Question	123	اختر الاجابة الصحيحة Choose the correct Answer
----------	-----	---

Multiply: 70×20

A	1,400
B	140
C	14000

Question	124	اختر الاجابة الصحيحة Choose the correct Answer
----------	-----	---

Multiply: 20×600

A	1,200
B	12,000
C	120

Question	125	اختر الاجابة الصحيحة Choose the correct Answer
----------	-----	---

Multiply: 50×40

A	20
B	200
C	2000

Part A: Multiple Choice - 4 Marks Each

الجزء الاول: اختيارات متعددة - 4 درجات لكل سؤال.

Question	126	اختر الاجابة الصحيحة Choose the correct Answer
$436 \times 5 = ?$ Estimated product: _____ $\times 5 =$ _____		
A	350, 1600	
B	450, 1750	
C	400, 2000	

Question	127	اختر الاجابة الصحيحة Choose the correct Answer
$6 \times 1,252 = ?$ Estimated product: $6 \times$ _____ $=$ _____		
A	1200, 7200	
B	4500, 2750	
C	4000, 3000	

Question	128	اختر الاجابة الصحيحة Choose the correct Answer
$247 \times 7 = ?$ Estimated product: _____ $\times 7 =$ _____		
A	1300, 700	
B	250, 1750	
C	400, 320	

Part A: Multiple Choice - 4 Marks Each

الجزء الاول: اختيارات متعددة - 4 درجات لكل سؤال.

Question	129	اختر الاجابة الصحيحة Choose the correct Answer
How can you decompose the 2-digit number to solve? Complete Estimated product: _____ $\times$ 5 = _____		
A	350, 1600	
B	450, 1750	
C	400, 2000	

Question	130	اختر الاجابة الصحيحة Choose the correct Answer
$6 \times 1,252 = ?$ Estimated product: $6 \times$ _____ = _____		
A	1200, 7200	
B	4500, 2750	
C	4000, 3000	

Question	131	اختر الاجابة الصحيحة Choose the correct Answer
$247 \times 7 = ?$ Estimated product: _____ $\times$ 7 = _____		
A	1300, 700	
B	250, 1750	
C	400, 320	

Part B: Free response questions- 7-10 marks
الجزء الثاني: أسئلة مقالية من 7 الى 10 درجا

Question	1	
Write the number in standard form.		اكتب الرقم بالشكل القياسي.
Four hundred thousand, nine hundred thirty _____		

Question	2	
Write the number in standard form.		اكتب الرقم بالشكل القياسي.
Thirty-four thousand, nine hundred eighty-nine _____		

Question	3	
Write the number in standard form.		اكتب الرقم بالشكل القياسي.
Sixty-two thousand, four hundred ninety-five _____		

Question	4	
Write the number in expanded form.		اكتب الرقم في شكل موسع.
530,879= _____ + _____ + _____ + _____ + _____		

Question	5	
Write the number in expanded form.		اكتب الرقم في شكل موسع.
6,216= _____ + _____ + _____ + _____		

Part B: Free response questions- 7-10 marks
الجزء الثاني: أسئلة مقالية من 7 الى 10 درجات

Question	6	
How can you write the number in word form?		
	205,782	

Question	7	
How can you write the number in word form?		
	24,678	

Question	8	
How can you write the number in word form?		
	1,108,308	

Part B: Free response questions- 7-10 marks
الجزء الثاني: أسئلة مقالية من 7 الى 10 درجات

Question	9	
What is the sum?		ما المجموع؟
$\begin{array}{r} 9,087 \\ + 7,668 \\ \hline = \\ \hline \end{array}$		

Question	10	
What is the sum?		ما المجموع؟
$\begin{array}{r} 12,058 \\ + 4,867 \\ \hline = \\ \hline \end{array}$		

Question	11	
A car manufacturer has made 4,569 cars so far this month. They will make 5,286 more cars this month. How many cars will they make this month?		

Part B: Free response questions- 7-10 marks
الجزء الثاني: أسئلة مقالية من 7 الى 10 درجات

Question	12	
Trevon had 1,425 cards in his collection. He traded many cards and now has 395 more cards than he started with. How many trading cards does he have now?		

Question	13-A	
<u>Luca and his family are taking a road trip.</u> The first day they drove from Chicago to Omaha, 467 miles. The next day they drove from Omaha to Billings, 838 miles. How many miles did they drive the first 2 days?		

Part B: Free response questions- 7-10 marks
الجزء الثاني: أسئلة مقالية من 7 الى 10 درجات

Question	13-B	
Luca's family then drove to Salt Lake City and Los Angeles , a total of 1,238 miles, How many miles have they driven so far?		

Question	13-C	
Luca and his family ended their trip in Los Angeles and drove back to Chicago a different way. When they stopped exactly halfway through the trip home, they had driven 1,259 miles. How many miles did they travel on their entire trip home?		

Part B: Free response questions- 7-10 marks
الجزء الثاني: أسئلة مقالية من 7 الى 10 درجات

Question	14	
What is the difference?		
$\begin{array}{r} 172,005 \\ - 48,273 \\ \hline \\ = \\ \hline \end{array}$		

Question	15	
What is the sum?		
$\begin{array}{r} 6,805 \\ - 4,782 \\ \hline \\ = \\ \hline \end{array}$		

Question	16	
What is the sum?		
$\begin{array}{r} 87,034 \\ - 77,245 \\ \hline \\ = \\ \hline \end{array}$		

Part B: Free response questions- 7-10 marks
الجزء الثاني: أسئلة مقالية من 7 الى 10 درجات

Question	17	
A baseball league had 41,384 hits in the fall season and 42,215 hits the spring season. How many more hits did the league have in the spring season?		

Question	18	
A company bought a delivery truck for \$35,698. A year later the company bought the second delivery truck for \$39,105. How many more did they spend on the second truck?		

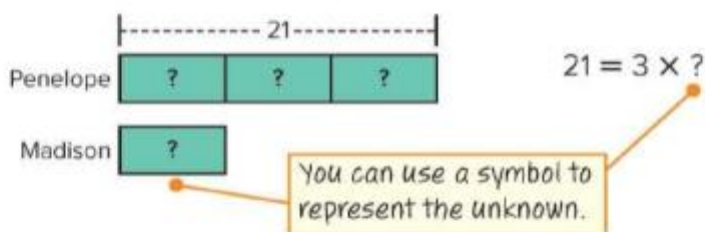
Question	19	
Julio subtracted using an algorithm. Do you agree or disagree with his solution.		
$ \begin{array}{r} 22,7\overset{11}{2}\overset{13}{3} \\ -12,644 \\ \hline 10,179 \end{array} $		

Learn

Penelope strikes out 21 batters at the softball tournament. She strikes out 3 times as many batters as Madison.

How many batters does Madison strike out?

You can represent the problem with a bar diagram and an equation. Penelope strikes out 3 times as many batters as Madison.



Use multiplication to solve for the unknown.

$$21 = 3 \times ?$$

$$21 = 3 \times 7$$

Madison strikes out 7 batters.

Math is... Modeling

How do the bar diagram and equation represent the situation?

Multiplicative comparison problems can be solved using multiplication equations. These problems use words related to multiplication, such as *times as many* and *times as much*.

Part B: Free response questions- 7-10 marks
الجزء الثاني: أسئلة مقالية من 7 الى 10 درجات

Question	20	
What is the unknown number? Write a multiplication equation to represent the comparison. Then solve it. 56 is ? times as much as 7.		

--

Question	21	
What is the unknown number? Write a multiplication equation to represent the comparison. Then solve it. 35 is 7 times as many as ?		

--

Question	22	r
What is the unknown number? Write a multiplication equation to represent the comparison. Then solve it. 24 is 8 times as many as ?		

--

Question	23	
What is the unknown number? Write a multiplication equation to represent the comparison. Then solve it. 45 is ? times as much as 9.		

--

Learn

Thomas is on page 12 in his book. He plans to read 5 pages of his book each day this week.

What page will he be on after 5 days?

You can use a table to determine the solution.

You can add groups of 5 pages to the 12 pages Thomas already read to find each number, or **term**, in the pattern.

Day	Rule	Pages Read
1	$1 \times 5 + 12$	17
2	$2 \times 5 + 12$	22
3	$3 \times 5 + 12$	27
4	$4 \times 5 + 12$	32
5	$5 \times 5 + 12$	37

The 5th term in the pattern is 37.

Thomas will be on page 37 after 5 days.

You can use a rule to create a pattern.
The rule tells you how the pattern works.

Math is... Structure

How do each of the terms in the pattern relate to the one before it?

Part B: Free response questions- 7-10 marks

الجزء الثاني: أسئلة مقالية من 7 الى 10 درجات

Question	24	
Draw the first 5 terms of the pattern. Starting with 14 dots in a row, subtract 2 dots from each row.		

Question	25	
Write the first 5 terms of the pattern.		اكتب أول 5 حدود من النمط. بدءاً من 3 ، أضف 6
Starting with 3, add 6		
_____ , _____ , _____ , _____ , _____		

Question	26	اختر الاجابة الصحيحة Choose the correct Answer												
Hamdan puts 3 photos on the first page of his scrapbook. He increases the number of photos on each page by 3. How many photos are on the pages?	يضع حمدان 3 صور على الصفحة الأولى من سجل القصص الخاصة به. يزيد عدد الصور في كل صفحة بمقدار 3. كم عدد الصور الموجودة على الصفحات؟													
<table><tr><th>Page</th><th>Rule</th><th>Number of Photos</th></tr><tr><td>2</td><td>$(1 \times 3) + 3$</td><td>6</td></tr><tr><td>4</td><td></td><td></td></tr><tr><td>6</td><td></td><td></td></tr></table>			Page	Rule	Number of Photos	2	$(1 \times 3) + 3$	6	4			6		
Page	Rule	Number of Photos												
2	$(1 \times 3) + 3$	6												
4														
6														

Part B: Free response questions- 7-10 marks**الجزء الثاني: أسئلة مقالية من 7 الى 10 درجات**

Question	27													
The weight of a Stellar Sea Lion and a California Sea Lion are shown on the table. What is the weight of the two sea lions.		يظهر على الطاولة وزن أسد البحر النجمي وأسد بحر كاليفورنيا. ما هو وزن أسدي البحر.												
<table><tr><th>Animal</th><th>Weight</th></tr><tr><td>Stellar Sea Lion</td><td>1,026</td></tr><tr><td>California Sea Lion</td><td>395</td></tr></table>	Animal	Weight	Stellar Sea Lion	1,026	California Sea Lion	395		<table><tr><th>الحيوان</th><th>الوزن</th></tr><tr><td>أسد البحر النجمي</td><td>1,026</td></tr><tr><td>أسد بحر كاليفورنيا</td><td>395</td></tr></table>	الحيوان	الوزن	أسد البحر النجمي	1,026	أسد بحر كاليفورنيا	395
Animal	Weight													
Stellar Sea Lion	1,026													
California Sea Lion	395													
الحيوان	الوزن													
أسد البحر النجمي	1,026													
أسد بحر كاليفورنيا	395													
Show your steps.														

Question	28	
Write an equation to represent and solve the comparison. 8 more than 4.	اكتب معادلة لتمثيل المقارنة وحلها. 8 أكثر من 4.	

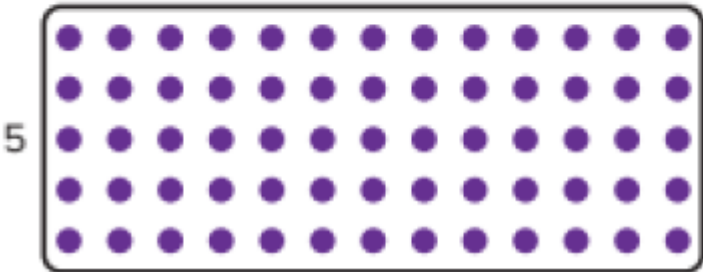
Part B: Free response questions- 7-10 marks
الجزء الثاني: أسئلة مقالية من 7 الى 10 درجات

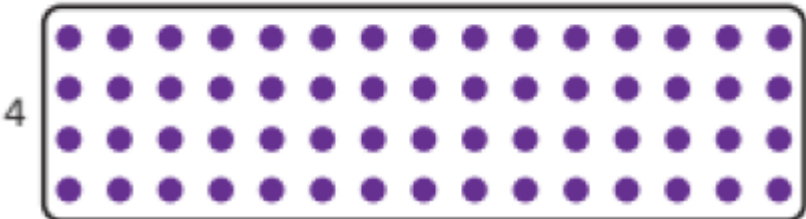
Question	29													
A theater has 5 seats in the floor rows. Each stair row has two more seats on each end than the previous row. How many seats are in the rows?		يحتوي المسرح على 5 مقاعد في صفوف الأرضية. يحتوي كل صف درج على مقعدين إضافيين في كل طرف مقارنة بالصف السابق. كم عدد المقاعد في الصفوف؟												
<table><tr><th>Row</th><th>Rule</th><th>Number of seats</th></tr><tr><td>6</td><td></td><td></td></tr><tr><td>8</td><td>$(8 \times 4) + 5$</td><td>37</td></tr><tr><td>10</td><td></td><td></td></tr></table>			Row	Rule	Number of seats	6			8	$(8 \times 4) + 5$	37	10		
Row	Rule	Number of seats												
6														
8	$(8 \times 4) + 5$	37												
10														

Question	30	
Carton number 1 has 3 pairs of socks. Each carton has double the amount as the previous carton. How many socks are in each of the cartons?		

Part B: Free response questions- 7-10 marks

الجزء الثاني: أسئلة مقالية من 7 الى 10 درجات

Question	31	
How can you use the distributive property to find the product? Use the array to help you decompose and complete the equation.		
1. $5 \times 13 = 5 \times (\underline{\quad} + \underline{\quad})$ $= (5 \times \underline{\quad}) + (5 \times \underline{\quad})$ $= \underline{\quad} + \underline{\quad}$ $= \underline{\quad}$ 13 		

Question	32	
How can you use the distributive property to find the product? Use the array to help you decompose and complete the equation.		
2. $4 \times 15 = 4 \times (\underline{\quad} + \underline{\quad})$ $= (4 \times \underline{\quad}) + (4 \times \underline{\quad})$ $= \underline{\quad} + \underline{\quad}$ $= \underline{\quad}$ 15 		

Part B: Free response questions- 7-10 marks
الجزء الثاني: أسئلة مقالية من 7 الى 10 درجات

Question	33	
How can you use se the distributive property to find the product?		
7×9		

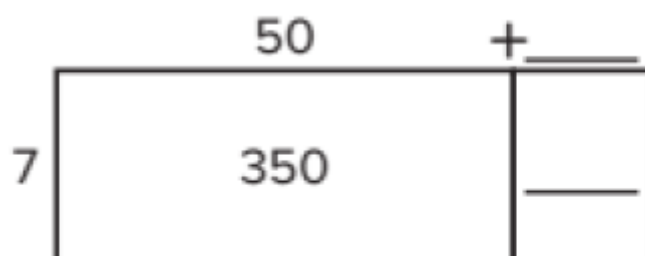
Question	34	
How can you use se the distributive property to find the product?		
12×8		

Part B: Free response questions- 7-10 marks
الجزء الثاني: اسئلة مقالية من 7 الى 10 درجات

Question	35	
----------	----	--

How can you decompose a factor and find the partial products

$$7 \times 52$$



$$7 \times 52 = (7 \times 50) + (7 \times \underline{\quad})$$

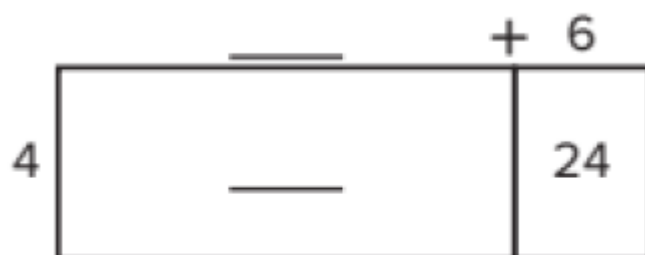
$$7 \times 52 = 350 + \underline{\quad}$$

$$7 \times 52 = \underline{\quad}$$

Question	36	
----------	----	--

How can you decompose a factor and find the partial products

$$4 \times 96$$



$$4 \times 96 = (4 \times \underline{\quad}) + (4 \times 6)$$

$$4 \times 96 = \underline{\quad} + 24$$

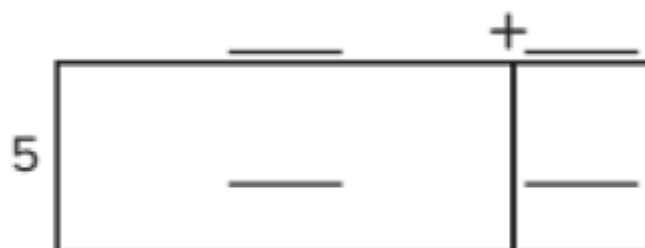
$$4 \times 96 = \underline{\quad}$$

Part B: Free response questions- 7-10 marks
الجزء الثاني: اسئلة مقالية من 7 الى 10 درجات

Question	37	
----------	----	--

How can you decompose a factor and find the partial products

$$5 \times 47$$



$$5 \times 47 = (5 \times \underline{\quad}) + (5 \times \underline{\quad})$$

$$5 \times 47 = \underline{\quad} + \underline{\quad}$$

$$5 \times 47 = \underline{\quad}$$

Question	38	
----------	----	--

How can you decompose a factor and find the partial products

$$3 \times 29$$



$$3 \times 29 = (3 \times \underline{\quad}) + (3 \times \underline{\quad})$$

$$3 \times 29 = \underline{\quad} + \underline{\quad}$$

$$3 \times 29 = \underline{\quad}$$

Part B: Free response questions- 7-10 marks
الجزء الثاني: أسئلة مقالية من 7 الى 10 درجات

Question	39	
Find the product using area model.		ابحث عن المنتج باستخدام نموذج المساحة.
214×2		

Question	40	
Find the product using area model.		ابحث عن المنتج باستخدام نموذج المساحة.
523×4		

Part B: Free response questions- 7-10 marks
الجزء الثاني: أسئلة مقالية من 7 الى 10 درجات

Question	41	
Find the product using area model.		ابحث عن المنتج باستخدام نموذج المساحة.
$6,232 \times 3$		

Question	42	
Find the product using area model.		ابحث عن المنتج باستخدام نموذج المساحة.
$3,317 \times 5$		