# تجميعة أسئلة الكتاب وفق الهيكل الوزاري الجديد منهج ريفيل


| تم تحميل هذا الملف من موقع المناهج الإماراتية | |
|---|---|
| موقع المناهج ⇦ المناهج الإماراتية ⇦ الصف الرابع ⇦ رياضيات ⇦ الفصل الأول ⇦ ملفات متنوعة ⇦ الملف | |
| تاريخ إضافة الملف على موقع المناهج: 2025-11-01 22:25:03 | |
| ملفات ا كتب للمعلم ا كتب للطالب ا اختبارات الكترونية ا اختبارات ا حلول ا عروض بوربوينت ا أوراق عمل منهج انجليزي ا ملخصات وتقارير ا مذكرات وبنوك ا الامتحان النهائي ا للمدرس | المزيد من مادة رياضيات: |
| إعداد: Almansoori Mouza | |

| التواصل الاجتماعي بحسب الصف الرابع | | | | | |
|---|---|---|---|---|---|
| صفحة المناهج الإماراتية على فيسبوك |  |  |  |  |  |
| المواد على تلغرام | التربية الاسلامية | اللغة العربية | اللغة الانجليزية | الرياضيات | |

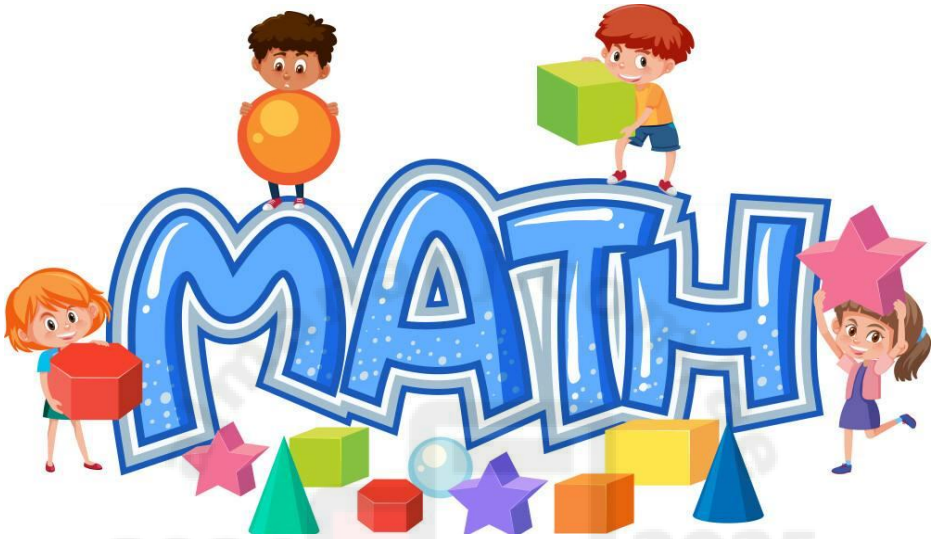
| المزيد من الملفات بحسب الصف الرابع والمادة رياضيات في الفصل الأول | |
|---|---|
| تجميعة أسئلة وفق الهيكل الوزاري الجديد منهج ريفيل | 1 |
| تجميعة أسئلة مراجعة وفق الهيكل الوزاري الجديد منهج بريدج | 2 |
| تجميعة أسئلة صفحات الكتاب وفق الهيكل الوزاري حسب منهج بريدج | 3 |
| الخطة السنوية لمقرر مادة الرياضيات للفصول الثلاثة منهج ريفيل | 4 |
| الخطة السنوية لمقرر مادة الرياضيات للفصول الثلاثة | 5 |

الإمارات العربية المتحدة
وزارة التربية والتعليم

روضة ومدرسة السلع

welcome to 4TH GRADE!

من المهارة إلى الصدارة
نحو مستقبل تصنعه المهارات




# End of Term 1 Coverage G4- 2025-2026

## Ms. Mouza Almansoori

Student Name :.....

Class :.....

## Part 1: Multiple Choice – 20 questions

**What are the values of the digits in the number?**

**1.** 1,489

1: _____

4: _____

8: _____

9: _____

**2.** 98,124

1: _____

2: _____

4: _____

8: _____

9: _____

**How can you describe the relationship between the values of the underlined digits?**

**3.** 2̲58 and 2̲,180

**4.** 16̲,852 and 14,6̲74

**5.** 1̲2,184 and 541̲,247

**6.** 45̲3 and 1,3̲33

P: 35

**13.** In which number does the digit 2 have a value that is ten times the value of the digit 2 in 12,738? Choose the correct answer.
(Lesson 2-1)

**A.** 26 **B.** 215

**C.** 2,387 **D.** 23,901

P: 52

**How can you compare the numbers? Complete with >, <, or =.**

1. 5,598 ◯ 55,889
2. 123,710 ◯ 123,711
3. 628,910 ◯ 628,800
4. 709,103 ◯ 709,130
5. 6,217 ◯ 6,241
6. 43,829 ◯ 43,598

**Is the comparison true or false? Explain your reasoning.**

7. 1,780 < 11,780
8. 720,301 < 720,031
9. 34,646 > 321,446
10. 24,747 < 24,774

17. Which statements are true? Choose all that apply. (Lesson 2-3)

A. 2,315 > 1,319
B. 2,315 < 1,319
C. 1,319 > 2,315
D. 2,315 = 1,319
E. 1,319 < 2,315

P: 43

P: 53

**What is your estimate? Round the number as indicated.**

1. 478,309 to the nearest thousand
2. 105,201 to the nearest hundred thousand
3. 95,550 to the nearest ten thousand
4. 132,847 to the nearest thousand

P: 47

21. What is 392,483 rounded to the nearest thousand? (Lesson 2-4)

22. What is 392,483 rounded to the nearest hundred thousand? (Lesson 2-4)

P: 53

## 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.



P: 60

**How can you estimate the sum or difference? Explain your strategy.**

1. 12,258 + 14,926 = _____

2. 5,246 − 392 = _____

**How can you estimate the sum or difference? Use a calculator to find the actual answer. Circle the estimate closest to the actual sum or difference.**

| | | Rounding | Front-end estimation |
|---|---|---|---|
| 3. | 8,303 − 2,789 = ? | | |
| 4. | 3,783 + 1,416 = ? | | |
| 5. | 3,155 + 2,205 = ? | | |
| 6. | 9,875 − 4,968 = ? | | |
| 7. | 4,228 + 986 = ? | | |

P: 61

**10.** An elementary school is collecting box tops. The table shows how many box tops each grade has collected.

| Grade | Box Tops |
|---|---|
| 1 | 2,475 |
| 2 | 3,256 |
| 3 | 1,982 |
| 4 | 4,034 |

Which two grades combined have collected about 5,000 box tops? Explain how you found your answer. (Lesson 3-1)

P: 98

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**What is the sum?**

1. $2,582 + 493 =$ _____

2. $476 + 8,719 =$ _____

3. $1,945 + 3,289 =$ _____

4. $12,017 + 5,308 =$ _____

5. $\begin{array}{r} 26,118 \\ +\ 11,043 \\ \hline \end{array}$

6. $\begin{array}{r} 47,621 \\ +\ 21,345 \\ \hline \end{array}$

7. $\begin{array}{r} 101,253 \\ +\ 27,285 \\ \hline \end{array}$

8. The indoor water park had 10,242 visitors in January and 11,495 visitors in February. What was the total attendance for the two months?

P: 67

**How can you decompose to subtract? Find the difference.**

1. 2,532 − 1,301 = _____

2. 6,489 − 2,472 = _____

3. 8,018 − 7,659 = _____

4. 11,023 − 1,414 = _____

**How can you adjust to subtract? Find the difference.**

5. 12,469 − 10,212 = _____

6. 97,137 − 24,677 = _____

7. 46,597 − 4,267 = _____

8. 84,649 − 126 = _____

9. 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?

P: 79

10. 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?

P: 80

5. 12,923
− 10,712

6. 2,646
− 1,335

7. 7,438
− 5,225

8. 267,982
− 132,580

P: 83

9. 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?

P: 83

10. 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?

11. Fill in the missing digits. Explain how you found each digit.

$$\begin{array}{r} 2,\ 7\ 4\ \square \\ -\ 1,\ \square\ \square\ 4 \\ \hline \square,\ 5\ 4\ 1 \end{array}$$

P: 84

1. Jamar needs sequins for costumes for a school play. The king's costume needs 3,250 sequins. The queen's costume needs 1,750 more sequins than the king's costume. The jester's costume needs 750 fewer sequins than the queen's costume. How many sequins does Jamar need for all three costumes?

2. There are 550 students eating lunch in four different picnic areas of the zoo. How many students are eating lunch at Flamingo Feast?

| Picnic Area | Number of Students |
|---|---|
| Giraffe Jump | 217 |
| Manatee Munch | 138 |
| Gorilla Garden | 97 |
| Flamingo Feast | ? |

3. 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?

4. 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?

P: 91

## 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.

10 cubes 10 cubes
Stick C
Stick D 20 cubes

You can say that 20 is 2 *times as much as* 10.
This can be represented using the equation $20 = 2 \times 10$.

**Math is... Thinking**
How does the equation show the relationship?

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.

### Work Together

Marvin collects pins from theme parks. He has 5 pins from the water park, 3 pins from the amusement park, and 15 pins from the wildlife park. What multiplicative comparison statements can you make about his pin collection? What equations can you write?

P: 106

1. Which statement can be represented by the equation $3 \times 9 = 27$? Choose the correct answer.
   - A. 3 is 3 times as much as 27.
   - B. 27 is 9 times as much as 9.
   - C. 3 is 9 times as much as 27.
   - D. 27 is 3 times as much as 9.

2. Which statements are true? Choose all that apply.
   - A. 9 is 2 times as much as 18.
   - B. 2 is 9 times as much as 18.
   - C. 18 is 2 times as much as 9.
   - D. 9 is 18 times as much as 2.
   - E. 18 is 9 times as much as 2.

3. Complete the multiplicative comparison statement.

Stick A
Stick B

There are _____ times as many cubes in Stick A as in Stick B.

4. What multiplicative comparison statement can you write about the number of cubes in the two sticks?

2 cubes
10 cubes

5. What equation can be used to represent the multiplicative comparison statement 24 is 4 times as much as 6?

6. 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?

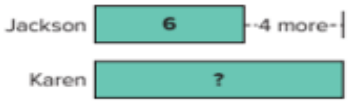
P: 107

## 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.

### Work Together

Elliot scored 9 points in a basketball game. Michael scored 2 times as many points as Elliot, and Deanna scored 6 more points than Elliot. How many points did Michael and Deanna score? Use equations to represent the problem.



P: 110

**What equation can you write to represent and solve the comparison?**

1. 8 more than 4

2. 3 times as many as 5

3. 2 times as long as 9 feet

4. 5 times as far as 10 miles

P: 111

**How can you represent the problem? Draw a bar diagram and write an equation to solve.**

5. 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?

6. Raya has 8 pencils in her school box. Miranda has 4 more pencils than Raya. How many pencils does Miranda have?

P: 111

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6. Tom and Gail are serving bowls of soup at a restaurant. Which comparison statement could be represented by the bar diagram? Choose the correct answer.
(Lesson 4-2)


A. Tom serves 3 times as many bowls of soup as Gail.
B. Tom serves 3 more bowls of soup than Gail.
C. Gail serves 3 more bowls of soup than Tom.
D. Gail serves 3 times as many bowls of soup as Tom.

P: 124

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**What is the unknown number? Write a division equation to represent the comparison. Then solve the equation.**

1. 24 is 8 times as much as ?.
2. 20 is ? times as much as 5.
3. 18 is ? times as much as 6.
4. 16 is 4 times as much as ?.

---

**How can you represent the problem? Draw a bar diagram and write a division equation to solve.**

5. 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?

6. Ellie has 50 blue blocks. She has 5 times as many blue blocks as white blocks. How many white blocks does she have?

P: 119

11. Paula sends 5 times as many texts as her mother. Paula sends 40 texts. How many texts does her mother send? (Lesson 4-4)

a. Which equation represents the problem? Choose the correct answer.

A. $? + 5 = 40$

B. $40 \times 5 = ?$

C. $40 + 5 = ?$

D. $40 \div 5 = ?$

b. What is the solution to the problem?

P: 125

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**What are all the factor pairs for each number?**

1. 14

2. 65

3. 23

4. 64

5. 32

6. 100

7. Adrian arranges 12 flowers. He puts the same number of flowers in each vase and can use up to 6 vases. What are two other ways to arrange the flowers?

P: 133

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**Is the number prime or composite? Explain your reasoning.**

1. 3

2. 24

3. 15

4. 31

5. 87

6. 2

**Is the statement true or false? Justify your answer.**

7. All even numbers greater than 2 are composite.

8. 1 is a prime number.

P: 139

**What are the next five multiples of the number?**

1. 4, _____, _____, _____, _____, _____, _____

2. 7, _____, _____, _____, _____, _____, _____

3. 12, _____, _____, _____, _____, _____, _____

4. 15, _____, _____, _____, _____, _____, _____

**Choose all that apply.**

5. Which numbers are multiples of 4?
   - **A.** 14
   - **B.** 16
   - **C.** 34
   - **D.** 64

6. Which numbers are multiples of 9?
   - **A.** 91
   - **B.** 89
   - **C.** 45
   - **D.** 18

**What are the missing multiples?**

7. _____, 12, 18, _____, _____, _____

8. _____, 10, _____, _____, _____

P: 143

**What is the pattern unit or rule?**

1. 

2. 6, 12, 24, 48, 96

3. 4, 8, 10, 4, 8, 10

4. 

5. 

6. 12, 20, 28, 36, 44

**Extend the pattern to determine three more numbers or shapes in the pattern. How did you find your answer?**

7. 36, 30, 24, _____, _____, _____

8. 

P: 147

**What's the product? Complete the equation.**

4. $6 \times 6{,}000 = 6 \times$ _____
$= 36$ _____
$=$ _____

5. $4 \times 20 = 4 \times 2 \times$ _____
$=$ _____ $\times$ _____
$=$ _____

6. $4 \times 200 = 4 \times 2 \times$ _____
$=$ _____ $\times$ _____
$=$ _____

7. $7 \times 300 =$ _____

8. $2 \times 900 =$ _____

P: 167

9. $8 \times 80 =$ _____

10. $9 \times 7{,}000 =$ _____

**How can you use compatible numbers to estimate the product? Complete the equation.**

3. $436 \times 5 = ?$

Estimated product:

_____ $\times 5 =$ _____

4. $6 \times 1{,}252 = ?$

Estimated product:

$6 \times$ _____ $=$ _____

**How can you use rounding to estimate each product? Complete the equation.**

5. $247 \times 7 = ?$

Estimated product:

_____ $\times 7 =$ _____

6. $396 \times 8 = ?$

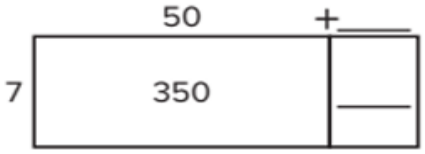
Estimated product:

_____ $\times 8 =$ _____

P: 171

**How can you decompose a factor and find the partial products? Complete the area model and equation to show your work.**

**5.** $7 \times 52$




$7 \times 52 = (7 \times 50) + (7 \times \_\_\_\_)$

$7 \times 52 = 350 + \_\_\_\_$

$7 \times 52 = \_\_\_\_$

**6.** $4 \times 96$


$4 \times 96 = (4 \times \_\_\_\_) + (4 \times 6)$

$4 \times 96 = \_\_\_\_ + 24$

$4 \times 96 = \_\_\_\_$

**7.** $5 \times 47$


$5 \times 47 = (5 \times \_\_\_\_) + (5 \times \_\_\_\_)$

$5 \times 47 = \_\_\_\_ + \_\_\_\_$

$5 \times 47 = \_\_\_\_$

**8.** $3 \times 29$


$3 \times 29 = (3 \times \_\_\_\_) + (3 \times \_\_\_\_)$

$3 \times 29 = \_\_\_\_ + \_\_\_\_$

$3 \times 29 = \_\_\_\_$

P: 179

**Find the product using an area model and partial products. Show your work.**

**1.** $214 \times 2$

**2.** $523 \times 4$

**3.** $6{,}232 \times 3$

**4.** $3{,}317 \times 5$

**5.** **STEM Connection** Maya has organized her geode collection in 3 sets. There are 689 geodes in each set. How many geodes does she have?

P: 183

## Part 2: Written Answer – 5 questions

**How can you write the number in standard form?**

1. Four hundred thousand, nine hundred thirty _____

2. Thirty-four thousand, nine hundred eighty-nine _____

**How can you write the number in expanded form?**

3. 530,879

4. 6,216

**How can you write the number in word form?**

5. 205,782

6. 1,108,308

P: 39

9. Which number represents sixty-two thousand, four hundred ninety-five? Choose the correct answer. (Lesson 2-2)

   A. 620,495

   B. 624,95

   C. 62,495

   D. 62,400,095

14. Which of the following are different ways to represent the number 40,381? Choose all that apply. (Lesson 2-2)

   A. 4,000 + 300 + 80 + 1

   B. Forty thousand, three hundred eighty-one

   C. 40,000 + 300 + 80 + 1

   D. Four thousand, three hundred eighty-one

   E. 40,000 + 3,000 + 80 + 1

   F. Forty, three hundred eighty-one

P: 53

**What is the sum? Use an algorithm to solve.**

5. 9,087
   + 7,668

6. 12,058
   + 4,867

7. 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? Use an algorithm to solve.

8. Trevon had 1,425 trading 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? Use an algorithm to solve.

9. Luca and his family are taking a road trip.

   a. 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 two days?

   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 on their trip?

   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 the entire trip home?

**What is the difference? Solve using an algorithm.**

6. 172,005
− 48,273

7. 6,805
− 4,782

8. 87,034
− 77,245

**Solve. Show your work.**

9. 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?

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

11. **Error Analysis** Julio subtracted using an algorithm. Do you agree or disagree with his solution? Explain.

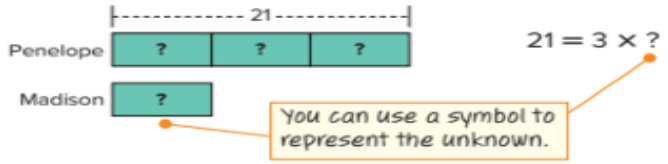
$$\begin{array}{r} 22,7\overset{11}{\cancel{2}}\,\overset{13}{\cancel{3}} \\ -\,12,644 \\ \hline 10,179 \end{array}$$

## 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*.

### Work Together

Ty has 32 coins in his collection. Dan has 8 coins in his collection. How many times as many coins does Ty have than Dan? Use a bar diagram and an equation to represent and solve the problem.



P: 114

**How can you represent the problem? Draw a bar diagram and write a multiplication equation to solve.**

5. Marie read 20 pages of a book last week. She read 2 times as many pages this week as she did last week. How many pages did she read this week?

6. A tomato plant is 48 inches tall. How many times as tall is the tomato plant as a pepper plant that is 8 inches tall?

7. Dana saved $63. Dana saved 7 times as much as Julie. How much did Julie save?

P: 115

**13.** 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?
(Lessons 4-3, 4-4)

**a.** What equation can you write to represent the problem? Use ? to represent the unknown.

**b.** What is the solution to the problem?

P: 125

## 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 detemine 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.

**Math is... Structure**
How do each of the terms in the pattern relate to the one before it?

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

### Work Together

Jasmine makes a row of 2 counters. She makes another row using 1 more counter than in the previous row. If she continues this pattern, how many counters will there be in the 6th row?



P: 150

**What are the first five terms of the pattern? Write or draw them.**

**3.** Starting with 14 dots in a row, subtract 2 dots from each row.

**4.** Starting with 3, add 6.

**5.** Hector 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 indicated?

| Page | Rule | Number of photos |
|---|---|---|
| 2 | (1 × 3) + 3 | 6 |
| 4 | | |
| 6 | | |

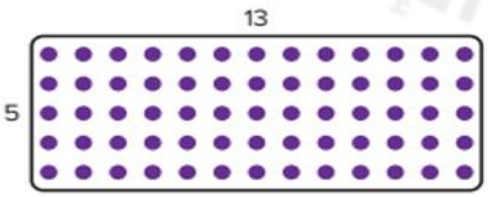
**6.** An amphitheater has 5 seats in the floor rows. Each stair row has two more seats on each end than the previous row. How many seats are in the stair rows indicated?

| Row | Rule | Number of seats |
|---|---|---|
| 6 | | |
| 8 | (8 × 4) + 5 | 37 |
| 10 | | |

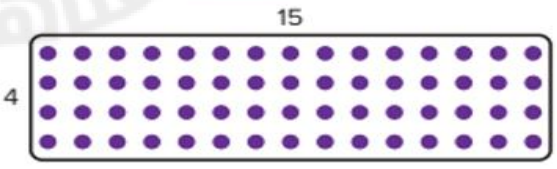
P: 151

**How can you use the Distributive Property to find the product? Use the array to help you decompose and complete the equation.**

**1.** $5 \times 13 = 5 \times (\_\_\_\_ + \_\_\_\_)$
$= (5 \times \_\_\_\_) + (5 \times \_\_\_\_)$
$= \_\_\_\_ + \_\_\_\_$
$= \_\_\_\_$




**2.** $4 \times 15 = 4 \times (\_\_\_\_ + \_\_\_\_)$
$= (4 \times \_\_\_\_) + (4 \times \_\_\_\_)$
$= \_\_\_\_ + \_\_\_\_$
$= \_\_\_\_$




**How can you use the Distributive Property to find the product? Write and solve an equation to show your work.**

**3.** $7 \times 9$

**4.** $12 \times 8$

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Good luck ..,