شكراً لتحميلك هذا الملف من موقع المناهج الإماراتية

الملف حل تجميعة أسئلة وفق الهيكل الوزاري ريفيل

روابط مواقع التواصل الاجتماعي بحسب الصف الثالث

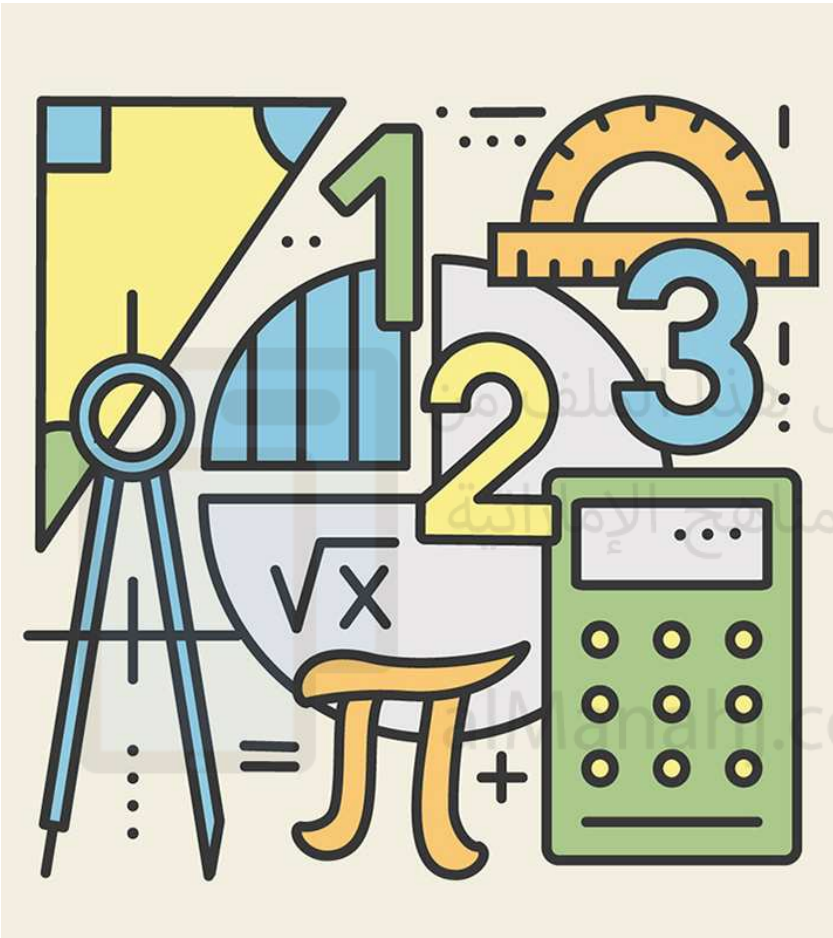
روابط مواد الصف الثالث على تلغرام

التربية الاسلامية	اللغة العربية	اللغة الانجليزية	الرياضيات

المزيد من الملفات بحسب الصف الثالث والمادة رياضيات في الفصل الثالث

1	حل نموذج تدريبي للاختبار النهائي
2	نموذج تدريبي للاختبار النهائي
3	حل تجميعة أسئلة وفق الهيكل الوزاري ريفيل
4	أسئلة الامتحان النهائي
5	تدريبات على أسئلة الهيكل الوزاري

Mathematics



Grade 3 - Term 3

Unit 10 , 11, 12, 13
Pages 125 - 261

book Page: **125**

Mathematics

book Page: **130**

How can you decompose the multiple of 10 to multiply?

6. 4×90

$4 \times \underline{9} \times 10$

$\underline{36} \times 10 = \underline{360}$

7. 3×70

$3 \times \underline{7} \times 10$

$\underline{21} \times 10 = \underline{210}$

8. 6×40

$6 \times \underline{4} \times 10$

$\underline{24} \times 10 = \underline{240}$

9. 8×50

$8 \times \underline{5} \times 10$

$\underline{40} \times 10 = \underline{400}$

book Page: **150**

9. Which of the following shows a correct way to decompose 60×5?

A. $10 \times 6 \times 5$
B. $10 \times 6 + 5$
C. $10 + 6 \times 5$
D. $10 + 6 + 5$

8. How can you use patterns to predict the product?

a. Circle the multiplication facts that will have an even product.

4 × 5	3 × 6	1 × 9	2 × 4
5 × 7	5 × 2	7 × 8	10 × 6

b. Explain why the products are even.

The products are even because at least one of the factors is even.

9. Are the products of 6s facts double the products of 2s facts? Explain.

No. Sample answer: The products of 6s facts are double the products of 3s facts.

Fill in the blank with *always*, *sometimes*, or *never*.

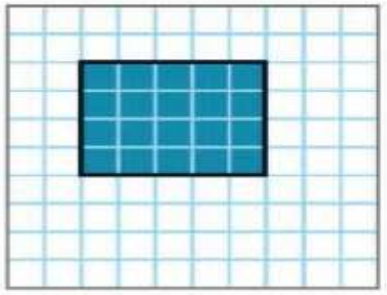
10. Products of 6s facts are always double the products of 3s facts.
11. Products of 7s facts are sometimes even.
12. Products of 4s facts are never odd.

Mathematics

book Page: **159**

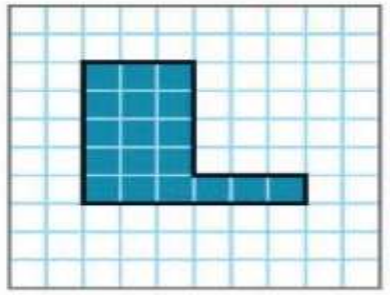
What is the perimeter of the figure?

1.



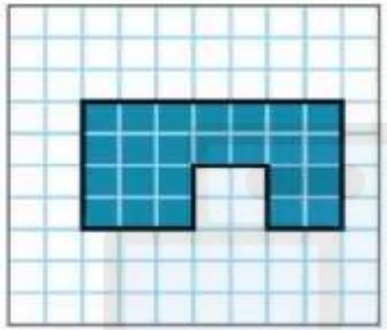
18 units

2.



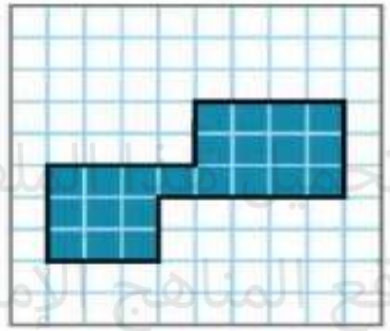
22 units

3.



26 units

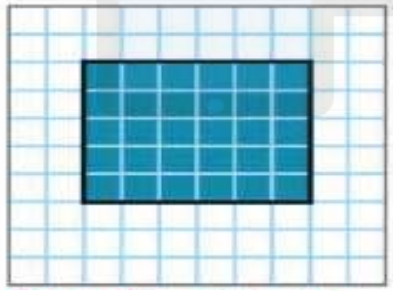
4.



26 units

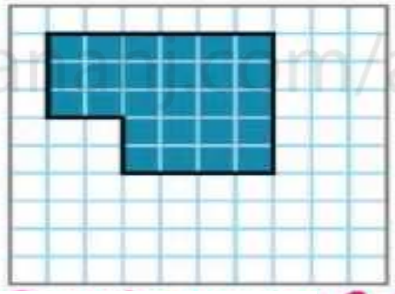
What equation can you write to represent the perimeter?

5.



$6 + 5 + 6 + 5 = 22$

6.

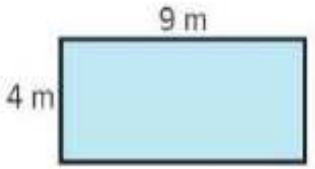


$6 + 5 + 4 + 2 + 2 + 3 = 22$

book Page: **171**

What is the perimeter and area of the figure? Include the unit.

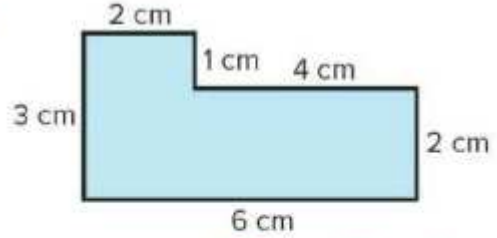
1.



perimeter = 26 meters

area = 36 square meters

6.



perimeter = 18 centimeters

area = 14 square centimeters

book Page: **172**

10. Which rectangles have a perimeter of 22 m? Circle them.

book Page: **177**

What equation describes the situation?

1. 49 feet of rope cut into pieces 7 feet long

   $49 \div 7 = ?$

2. 9 strips of paper each 6 inches long

   $9 \times 6 = ?$

3. 4 miles each day for 8 days

   $8 \times 4 = ?$

4. 10 yards of fabric cut into 5 pieces

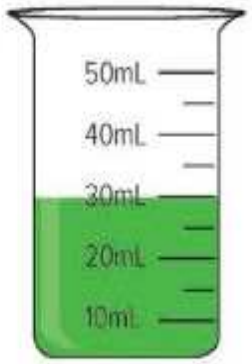
   $10 \div 5 = ?$

Mathematics

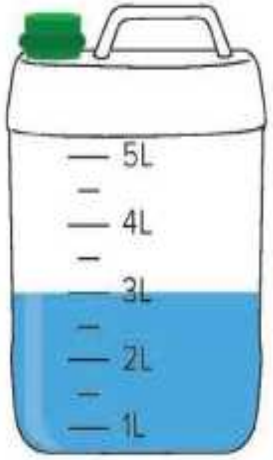
book Page: **189**

book Page: **193**

What is the volume of the liquid in the container?

1. 

30 milliliters

2. 

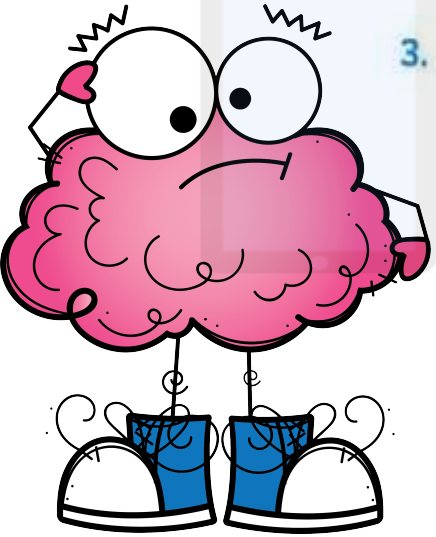
3 liters

3. 

450 milliliters

4. 

$1\frac{1}{2}$ liters



Which is the best estimate for the liquid volume?

1. cup of tea

18 milliliters
180 milliliters
180 liters

2. bowl of soup

24 liters
24 milliliters
240 milliliters

3. bathtub of water

3 liters
300 liters
300 milliliters

4. bottle of soap

200 milliliters
20 liters
200 liters

5. bucket of water

10 liters
100 milliliters
10 milliliters

6. bottle of ketchup

450 milliliters
45 milliliters
45 liters

Which is the best estimate for the mass of the object?

1. nickel

5 grams
50 grams
5 kilograms

2. loaf of bread

50 grams
500 grams
5 kilograms

3. three oranges

6 grams
600 grams
6 kilograms

4. hamster

20 grams
200 grams
2 kilograms

5. cantaloupe

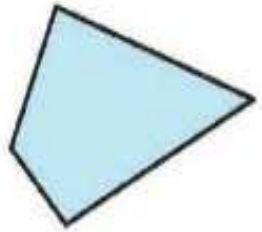
1 kilogram
10 kilograms
100 kilograms

6. sandwich

2 grams
250 grams
25 kilograms

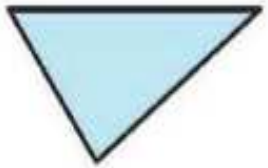
How can you name the polygon?
Write *triangle*, *quadrilateral*, *pentagon*, *hexagon*, or *octagon*.

4.



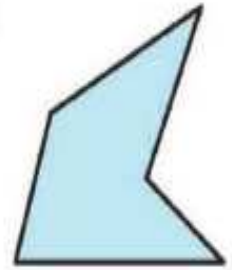
quadrilateral

5.



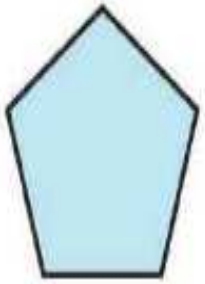
triangle

6.



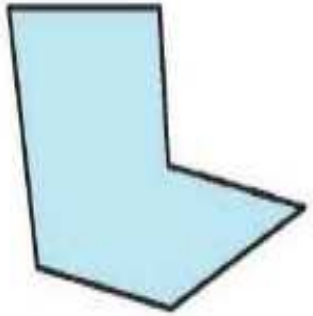
pentagon

7.



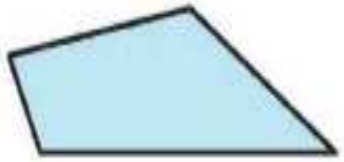
pentagon

8.



hexagon

9.



quadrilateral

book Page: **247**

Mathematics

book Page: **133**

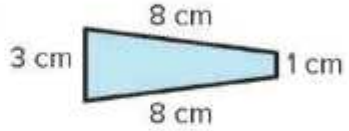
How many pairs of equal side lengths and right angles does each quadrilateral have?

1.

2 pair(s) of equal sides

4 right angle(s)

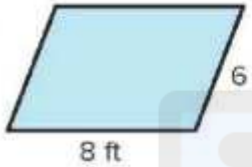
2.



1 pair(s) of equal sides

0 right angle(s)

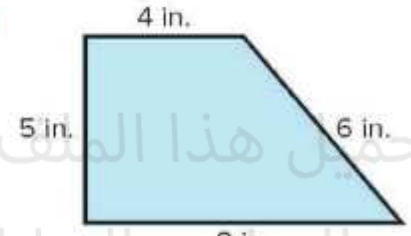
3.



2 pair(s) of equal sides

0 right angle(s)

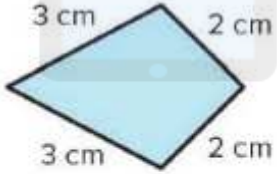
4.



0 pair(s) of equal sides

2 right angle(s)

5.



2 pair(s) of equal sides

1 right angle(s)

6.

2 pair(s) of equal sides

4 right angle(s)

How can you solve the equation two ways?

1. $4 \times 3 \times 2 = ?$

$4 \times 3 \times 2 = ?$ → 12×2 → 24

$4 \times 3 \times 2 = ?$ → 4×6 → 24

2. $3 \times 3 \times 4 = ?$

$3 \times 3 \times 4 = ?$ → 9×4 → 36

$3 \times 3 \times 4 = ?$ → 3×12 → 36

3. $2 \times 3 \times 3 = ?$

$2 \times 3 \times 3 = ?$ → 6×3 → 18

$2 \times 3 \times 3 = ?$ → 2×9 → 18

4. $5 \times 2 \times 3 = ?$

$5 \times 2 \times 3 = ?$ → 10×3 → 30

$5 \times 2 \times 3 = ?$ → 5×6 → 30

Mathematics

book Page: **150**

book Page: **143**

8. Complete the equation. (Lesson 10-3)

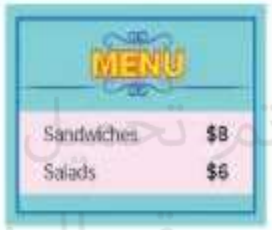
$2 \times 5 \times 7 = b$

$10 \times 7 = b$

$70 = b$

How can you use equations with letters for the unknowns to solve the problem?

3. All 5 people in Marcela's family order a sandwich and a drink. The total cost of the drinks is $9. How much does Marcela's family pay for lunch?



$49; $5 \times 8 = s$, $40 + 9 = c$

4. The garden center sells plants in packs of 6. Felix buys 9 packs and 16 individual plants. How many plants does he buy in all?

70 plants; $6 \times 9 = p$, $54 + 16 = t$

5. Tiffany shares 28 cherries equally among 4 friends. Then she gives each friend 7 additional pieces of fruit. How many pieces of fruit does each friend receive?

14 pieces of fruit; $28 \div 4 = c$, $7 + 7 = f$

book Page: **144**

7. At recess, 34 children lined up to play volleyball. Then 4 children decided to play basketball instead. The rest of the children made teams of 6 people. How many teams were there? Show your work.

5 teams; $34 - 4 = c$; $30 \div 6 = t$

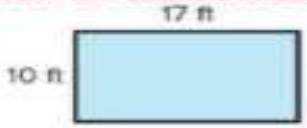
8. Nathan had 8 strawberries. His brother had 12 strawberries. He and his brother shared them equally. How many strawberries did Nathan eat? Show your work.

10 strawberries; $8 + 12 = s$; $20 \div 2 = a$

Page: **163**

What is the perimeter of the figure? Complete the equation. Order of addends and factors may vary.

1.



17 + 10 + 17 + 10 = 54

54 feet

2.

8 + 8 + 8 + 8 + 8 = 40

5 × 8 = 40

40 inches

What is the perimeter of the figure? Include the unit.

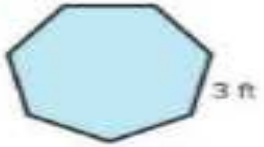
3.

20 m

4.

28 cm

5.



21 ft

6.

58 in.

7.

75 m

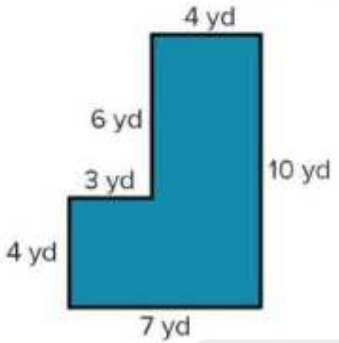
8.

40 ft

Mathematics

book Page: **181**

13. What is the area and perimeter of the figure? (Lesson 11-4)

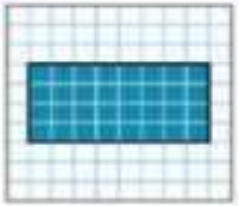


perimeter = **34 yards**

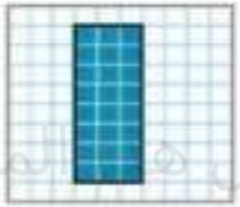
area = **52 square yards**

14. Which rectangle has a perimeter of 24 units and an area of 32 square units? (Lesson 11-4)

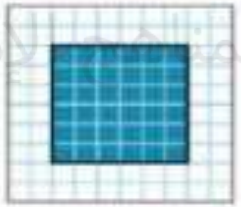
A.



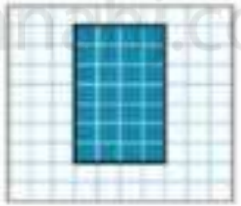
B.



C.



D.

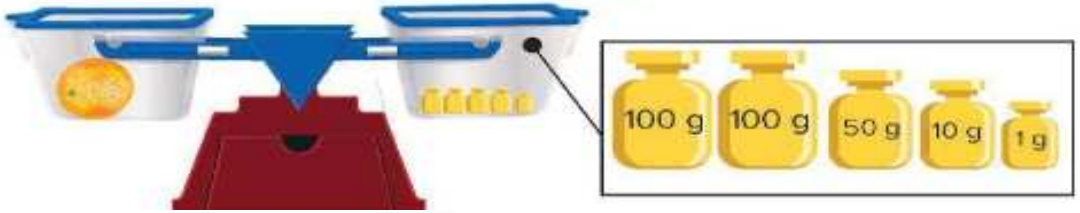


book Page: **197**

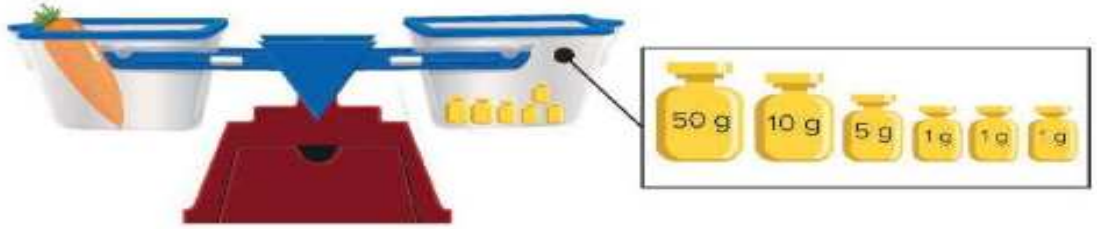
1. What is the mass of the brick? **2 kilograms**

2. What is the mass of the lightbulb? **35 grams**

3. What is the mass of the orange? **261 grams**



4. What is the mass of the carrot? **68 grams**



book Page: **205**

Mathematics

book Page: **209**

What time is shown on the clock?

1. 

6 : 24

2. 

4 : 36

3. 

12 : 47

Tina, Troy, and Tim went to bed at different times.

4. What time did Tina go to bed?

Tina

9 : 24

5. What time did Troy go to bed?

Troy

8 : 56

6. What time did Tim go to bed?

Tim

9 : 03

7. What would Tina's clock look like if she went to bed at 9:38?

8. What would Tim's clock look like if he went to bed at 9:12?

How long was the activity?
Show your work on the clock or number line.

1. George started his walk to school at 7:15 a.m. and ended his walk at 7:35 a.m. How long was his walk to school?

20 minutes;

2. Band practice started at 3:08 p.m. and ended at 3:56. How long was band practice?

48 minutes:

3. Rita visited her friend from 4:12 p.m to 4:49 p.m. How long was her visit? 37 minutes;

4. The party started at 3:25 p.m. and lasted 45 minutes. When did the party end?

4:10 p.m.

5. Sam's art class started at 4:05 p.m. It lasted 48 minutes. When did the class end?

4:53 p.m.

6. Sara finished cooking at the a.m. time shown. She cooked for 32 minutes. What time did she start cooking?

11:03 a.m.

7. Aaron's game lasted 37 minutes. It ended at 12:59 p.m. When did his game start?

12:22 p.m.

Use the picture graph to complete exercises 1 and 2.

1. How many days of rain are represented by each picture? Explain how you know.

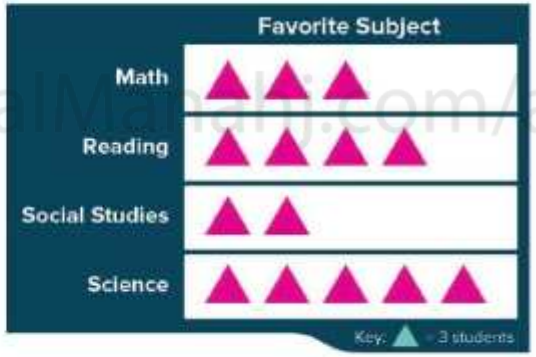
   2; The key shows that 1 picture represents 2 days of rain.

2. How many days did it rain in June? Explain how you know.

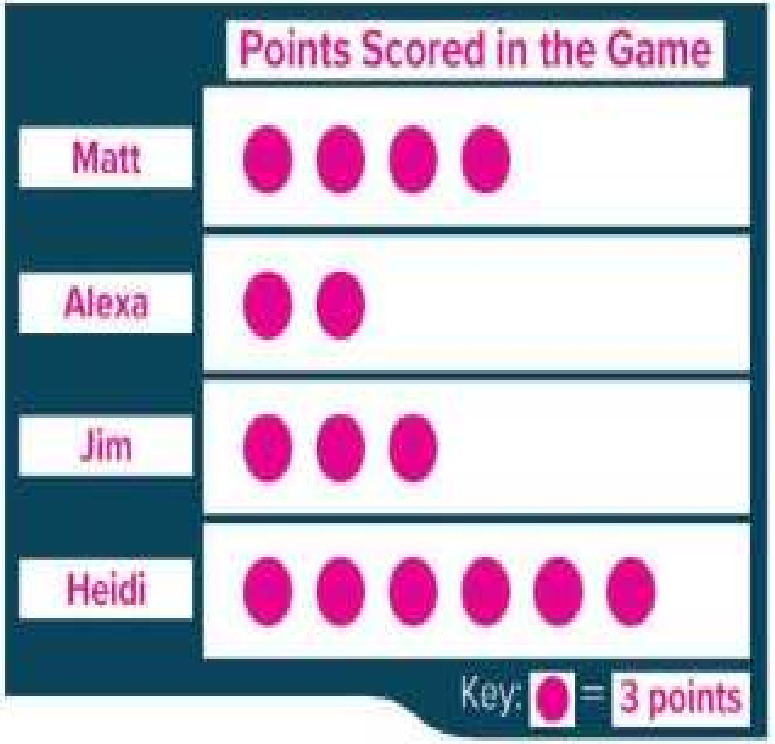
   10; There are 5 pictures. Each picture represents 2 days of rain, 5 × 2 = 10.

3. The table shows each third grader's favorite subject. How can you display the data in the picture graph?

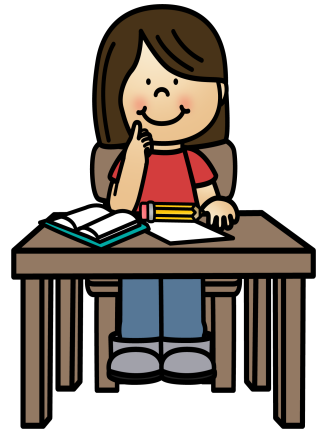
Favorite Subject	Third Graders
Math	9
Reading	12
Social Studies	6
Science	15



4. The table shows the number of points each player scored in a basketball game. How can you display the data in a scaled picture graph?



Players	Points
Matt	12
Alexa	6
Jim	9
Heidi	18

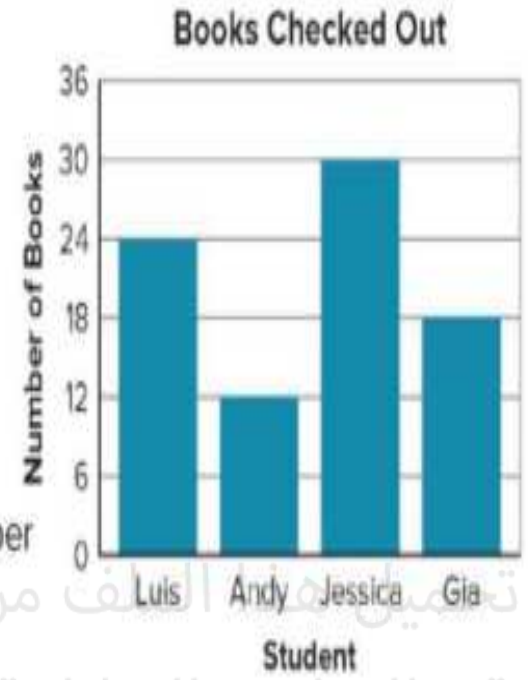


book Page: **221**

Mathematics

book Page: **221**

Use the bar graph to complete exercises 1 through 3.



1. How many more books did Jessica check out than Luis?

   6 books

2. What is the difference between the greatest number of books checked out and the fewest number of books checked out?

   18 books

3. The number of books Jessica checked out is the same as the total number of books checked out by which two students? Explain how you know.

   Andy and Gia; Jessica checked out 30 books. Andy checked out 12 books and Gia checked out 18 books. 12 + 18 = 30

Use the picture graph to complete exercises 4 through 6.

4. How many fewer banana nut muffins sold than blueberry?

   12 muffins

5. How many more chocolate muffins sold than corn and blueberry muffins combined? Show your work.

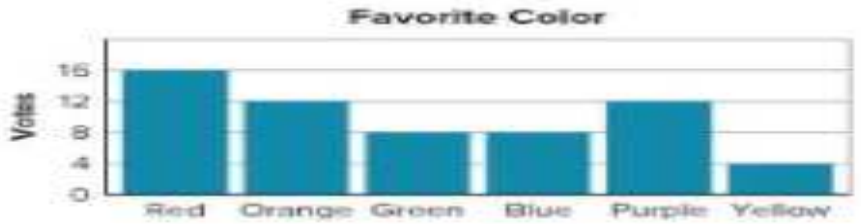
   6 muffins;

12 + 18 = 30, 36 − 30 = 6

6. How can you compare the sales of blueberry muffins to corn and banana nut muffins combined? Explain. They sold the same number. 18 blueberry muffins sold; 12 + 6 = 18; 18 corn and banana nut muffins sold

book Page: **234**

16. Students were asked to name their favorite color. The results of the survey are shown in the bar graph.



How many students were surveyed in all? (Lesson 12-9)

60 students

What is the length of each object to the nearest half inch?

1. 

$5\frac{1}{2}$ inches

2. 

$2\frac{1}{2}$ inches

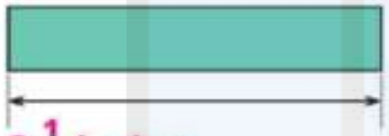
3. 

2 inches

What is the length of each object to the nearest quarter inch?

4. 

$4\frac{3}{4}$ inches

5. 

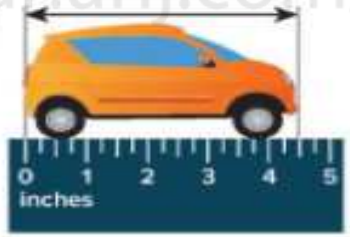
$2\frac{1}{4}$ inches

6. 

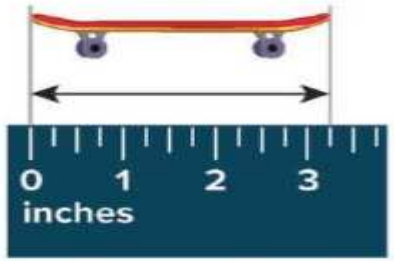
$1\frac{3}{4}$ inches

7. What is the most precise measurement of the toy car using the ruler in the picture?

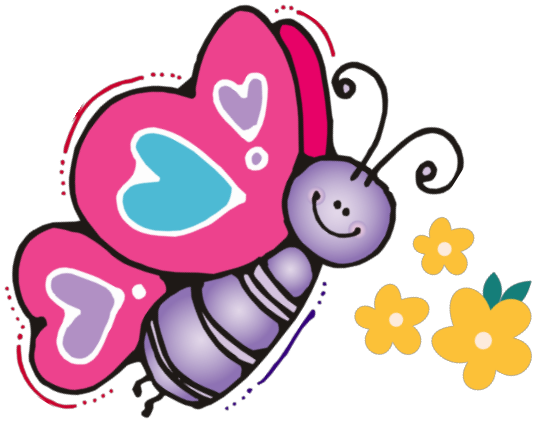
$4\frac{1}{2}$ inches



20. What is the length of the mini-skateboard to the nearest quarter inch? (Lesson 12-10)



$3\frac{1}{4}$ inches



How can you use equations with letters for the unknowns to solve the problem?

3. Jerry's mother brings orange slices to dance class. She cut each orange into 4 slices. There are 2 slices for each of the 8 dancers. How many oranges did his mother cut?

4 oranges; $2 \times 8 = t, 16 \div 4 = f$

4. Connie's photo album has 6 pages and each page has 6 photos. She decides to put all the photos already in her album on just 4 pages. She puts the same number of photos on all 4 pages. How many photos will she put on each page?

9 photos; $6 \times 6 = a, 36 \div 4 = p$

How can you use equations with letters for the unknowns to solve the problem?

6. Lana brings home 48 shells from the beach. She divides the shells into 6 equal groups and keeps 1 group for herself. Then she gives half of her group to her brother. How many shells does Lana give to her brother? **4 shells;**
$48 \div 6 = s, 8 \div 2 = l$

7. **STEM Connection** Hiro explored 12 shipwrecks with 4 robots. Each robot explored the same number of shipwrecks. One of the robots brought back 2 items from each wreck it explored. How many objects did it bring back?

6 objects; **$12 \div 4 = s$,**
$3 \times 2 = m$

8. Francine uses 24 yards of fabric to make 8 blankets. She uses the same amount of fabric for each blanket. How many yards of fabric does she need to make 4 blankets?
12 yards **$24 \div 8 = y; 4 \times 3 = b$**

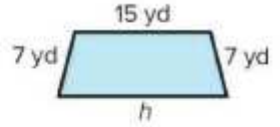
9. Kyle buys 9 spools of ribbon. Each spool has 4 yards of ribbon on it. If she uses 6 yards of ribbon per bow, how many bows can she make?
6 bows; **$9 \times 4 = s; 36 \div 6 = b$**

How can you find the unknown side length of the figure?

Order of addends will vary.

1. The perimeter is 46 yards.

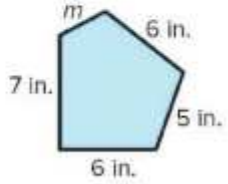
$46 = 7 + 15 + 7 + h$
$46 = 29 + h$
$46 - 29 = h$



The unknown side length is **17** yards.

2. The perimeter is 27 inches.

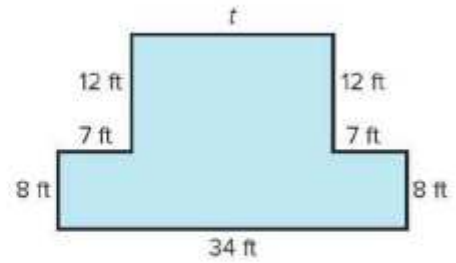
$27 = 6 + 5 + 6 + 7 + m$
$27 = 24 + m$
$27 - 24 = m$



The unknown side length is **3** inches.

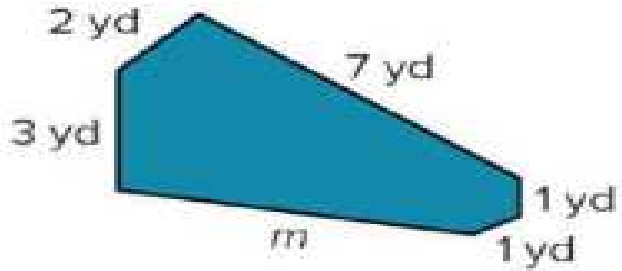
3. The perimeter is 108 feet.

Sample answer:
$108 = 12 + 12 + 7 + 7 + 8 + 8 + 34 + t$
$108 = 88 + t$
$108 - 88 = 20$



The unknown side length is **20 feet**.

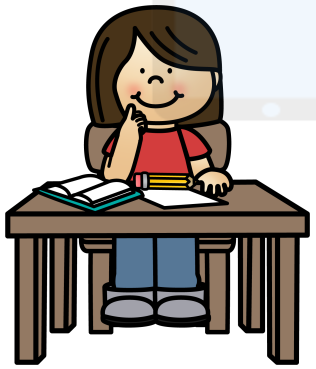
8. Hillary builds a fence around a pond using 20 yards of fencing.

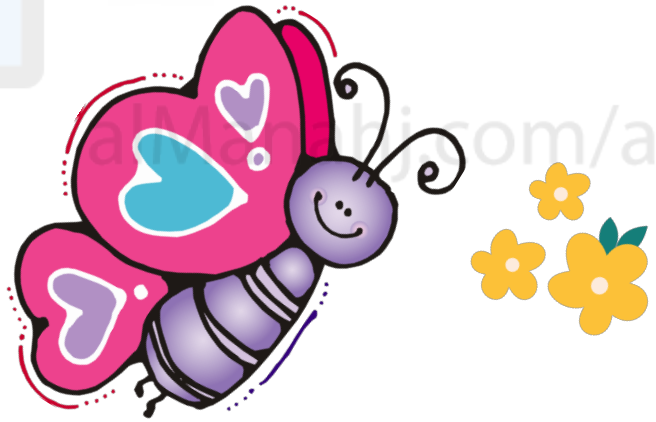


What is the unknown side length? (Lesson 11-3)

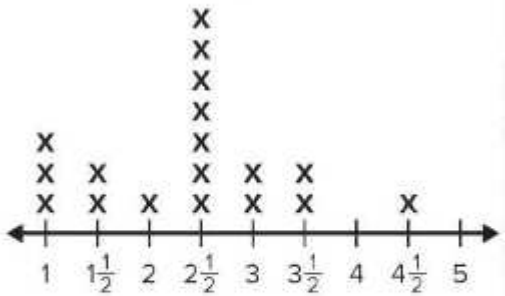
A. 3 yards **B.** 5 yards

C. 2 yards **D.** 6 yards





Use the line plot to complete exercises 1 through 3.



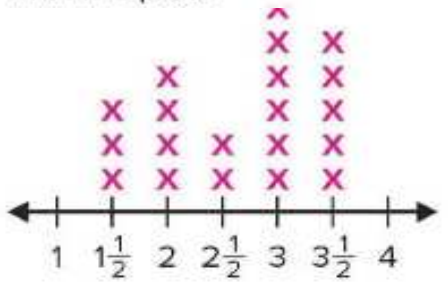
Heights of Figurines (in.)

1. How many figurines are in the collection?
   18 figurines
2. Which height is most common?
   $2\frac{1}{2}$ inches
3. Which measurements were not the height of any figurines?
   4 and 5 inches
4. How many figurines are shorter than 2 inches?
   5 figurines
5. How many figurines are taller than 3 inches?
   3 figurines

Brody measures his crayons to the nearest half inch. He records the measurements in a table.

Crayon Lengths (in.)				
2	3	$1\frac{1}{2}$	3	$1\frac{1}{2}$
$3\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$	3	2
2	$3\frac{1}{2}$	3	2	$2\frac{1}{2}$
3	$3\frac{1}{2}$	$3\frac{1}{2}$	$1\frac{1}{2}$	3

6. How can you display the data in a line plot?



Lengths of Crayons (in.)

7. How many crayons are $2\frac{1}{2}$ inches long?
   2 crayons
8. How many more 3-inch crayons are there than $1\frac{1}{2}$-inch crayons?
   3 crayons
9. How many crayons are shorter than 3 inches?
   9 crayons