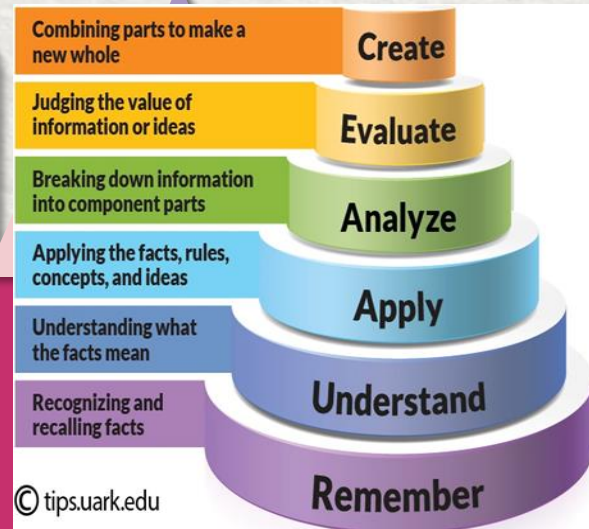


Reveal Math Quiz Review

Quiz 1



Page 162 - 172

Vocabulary

Perimeter, Unknown

Perimeter

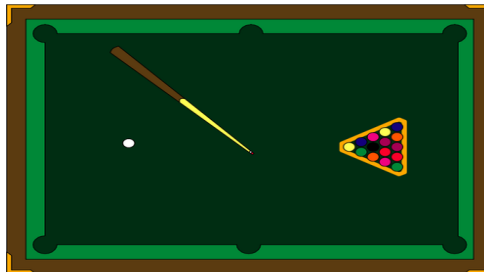
The distance around a closed figure is called the **perimeter**.



w

$$P = 2\ell + 2w$$

ℓ

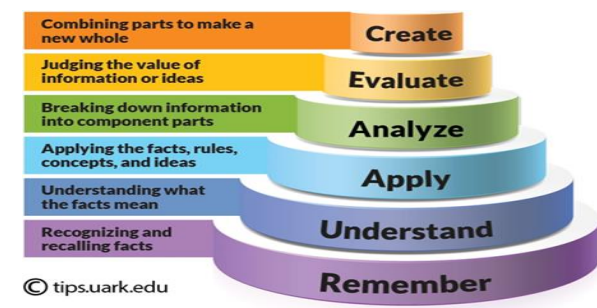


Unknown

An **unknown** is a number we do NOT know. It is represented by symbols e.g. $X + 2 = 4$; $40 + a = 46$

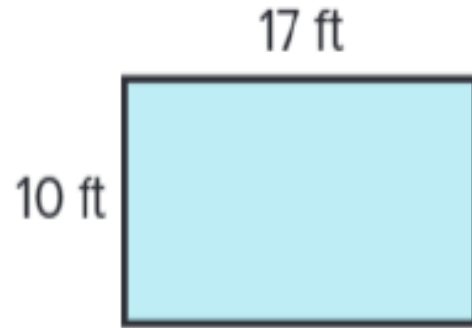


Page 163 Question 1-2



What is the perimeter of the figure? Complete the equation.

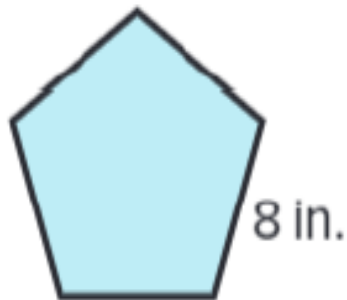
1.



$$\underline{17} + \underline{10} + \underline{17} + \underline{10} = \underline{54}$$

54 feet

2.



$$\underline{8} + \underline{8} + \underline{8} + \underline{8} + \underline{8} = \underline{40}$$
$$\underline{5} \times \underline{8} = \underline{40}$$

40 inches

Learning Objective: Students find the perimeter of a figure.

Page 167 Question 1 -2

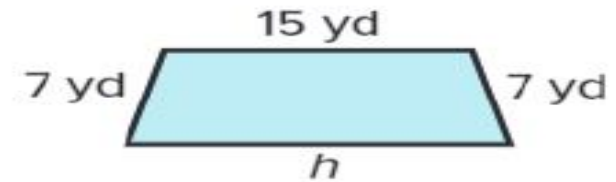
How can you find the unknown side length of the figure?

1. The perimeter is 46 yards.

$$46 = \underline{7} + \underline{15} + \underline{7} + h$$

$$46 = \underline{29} + h$$

$$46 - \underline{29} = h$$



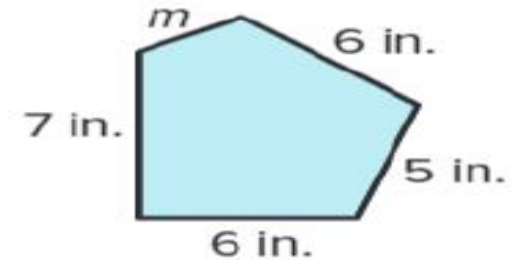
The unknown side length is 17 yards.

2. The perimeter is 27 inches.

$$27 = \underline{6 + 5 + 6 + 7 + m}$$

$$27 = \underline{24} + \underline{m}$$

$$27 - \underline{24} = \underline{m}$$



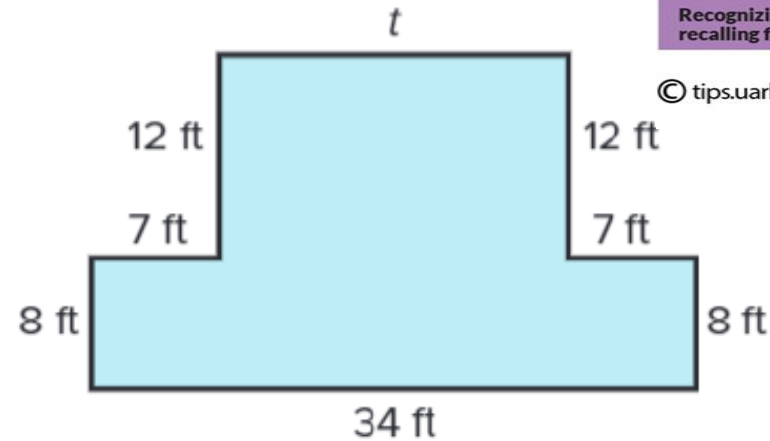
The unknown side length is 3 inches.

Learning Objective: Students can determine an unknown side length.

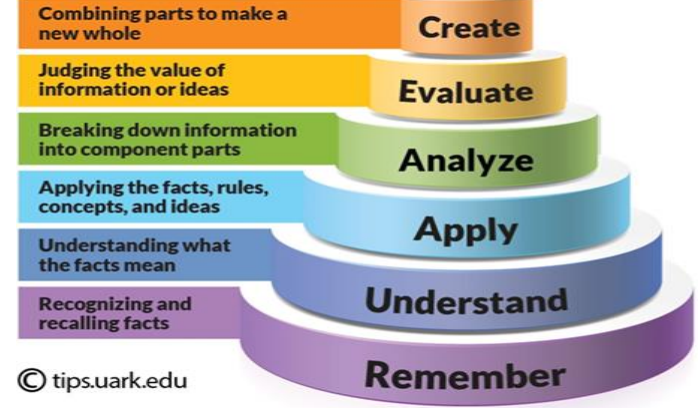
Page 167 Question 3

3. The perimeter is 108 feet.

$$\begin{aligned}108 &= 12 + 12 + 7 + 7 \\ &\quad + 8 + 8 + 34 + t \\108 &= 88 + t \\108 - 88 &= 20\end{aligned}$$

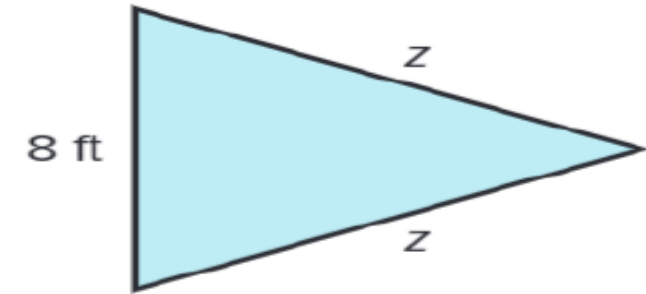


The unknown side length is 20 feet.



Page 168 Question 4 -7

4. A triangular flag has 2 sides of equal length. The perimeter of the flag is 28 feet. What are the unknown lengths?



Both sides are 10 feet.

5. Leo's painting is in the shape of a rectangle. Two sides are 8 inches long. The perimeter of the painting is 20 inches. What is the length of the other two sides? Show your thinking.

$$8 + 8 + ? + ? = 20$$

$$20 - 16 = 4; \quad 4 \div 2 = 2$$

6. **Error Analysis** Margo has a square rug with a perimeter of 32 feet. She says she does not have enough information to find the side lengths of the rug. How can you help Margo understand how to find the side length?

Square = 4 equal lengths, $4 \times s = 32$

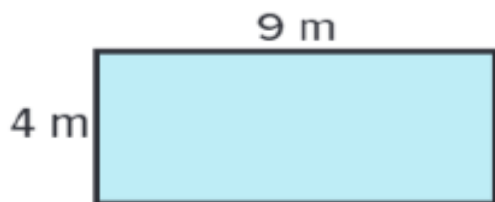
All the sides are 8 feet.

Learning Objective: Students can determine an unknown side length.

Page 171 Question 1-4

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

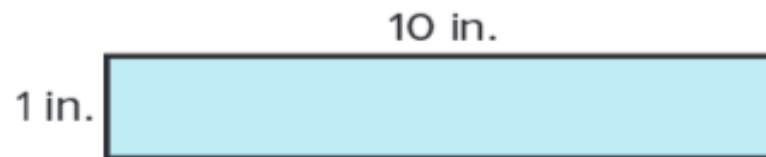
1.



perimeter = 26 meters

area = 36 sq meters

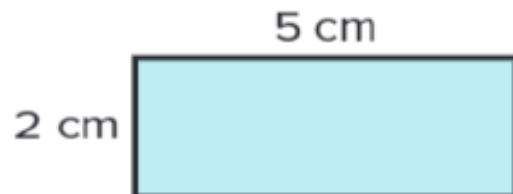
2.



perimeter = 22 inches

area = 10 sq inches

3.



perimeter = 14 centimeters

area = 10 sq centimeters

4.



perimeter = 20 feet

area = 25 sq feet

Class index

Class welcome
Calendar

Class & safety
rules

Daily Math routine
counting-basic
facts

Outcomes

Starter

Vocabulary

Real Word Problem
Question a day

Lesson Activities-
differentiation

Plenary + Exit
ticket
Self- assessment

Enrichment
LMS

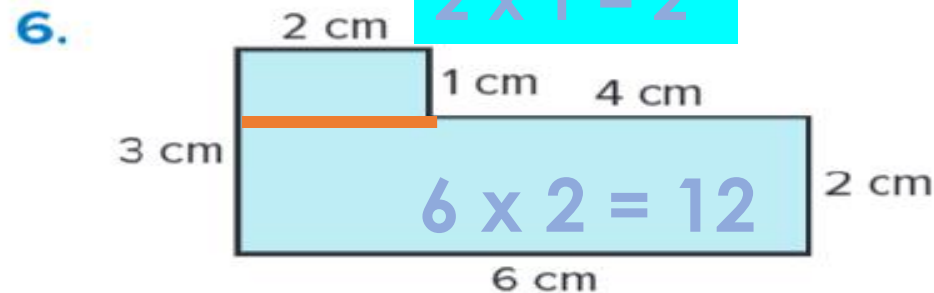
Learning Objective: Students can solve problems involving area and perimeter.



Page 171 Question 5 - 8



perimeter = 24 yards
 area = 36 sq yards



perimeter = 18 centimeters
 area = 14 sq centimeters
 $2 + 12 = 14$

7. A rectangle has an area of 20 square centimeters.
What could be the length and width of the rectangle?

4 cm and 5 cm

8. A rectangular patch of grass has a perimeter of 24 feet. If one of the side lengths is 10 feet, what are the other side lengths?
 Write an equation to support your answer.

$$24 = 10 + 2 + 10 + 2$$

$$= 24 \text{ feet}$$

Class index
Class welcome Calendar
Class & safety rules
Daily Math routine counting-basic facts
Outcomes
Starter
Vocabulary
Real Word Problem Question a day
Lesson Activities-differentiation
Plenary + Exit ticket Self-assessment
Enrichment LMS

Learning Objective: Students can solve problems involving area and perimeter.

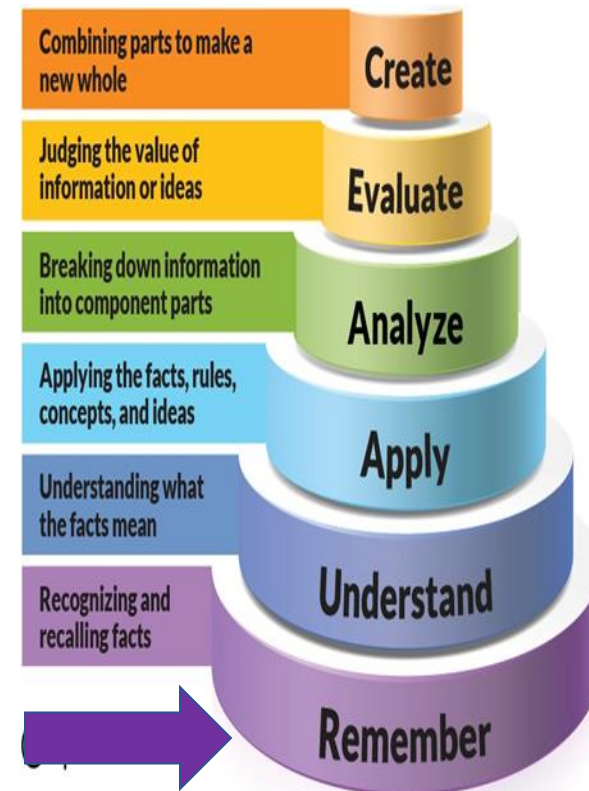
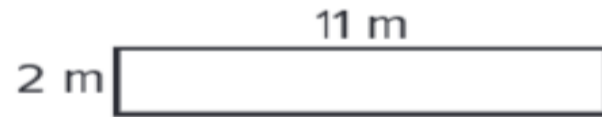
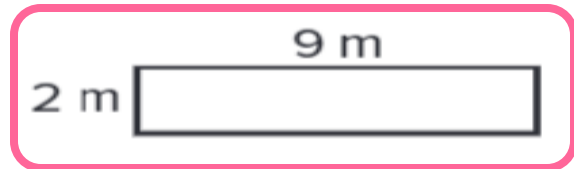
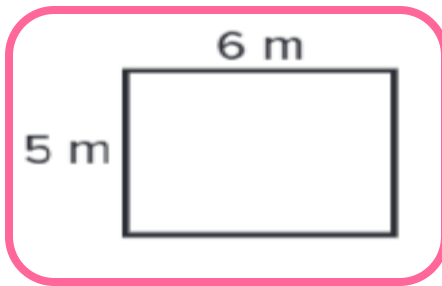
Page 172 Question 9 -10

9. **Error Analysis** Penny draws a square with side lengths of 4 units. She says that since the perimeter is 16 units and the area is 16 square units, the perimeter and area are always the same. What example can you give Penny to help her correct her thinking?

$$\text{Perimeter } 6 + 6 + 6 + 6 = 24$$

$$\text{Area } 6 \times 6 = 36$$

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



Learning Objective: Students can solve problems involving area and perimeter.



HAPPY
STUDYING

