



**THIRD SPACE
LEARNING**

Perimeter Worksheet

Geometry

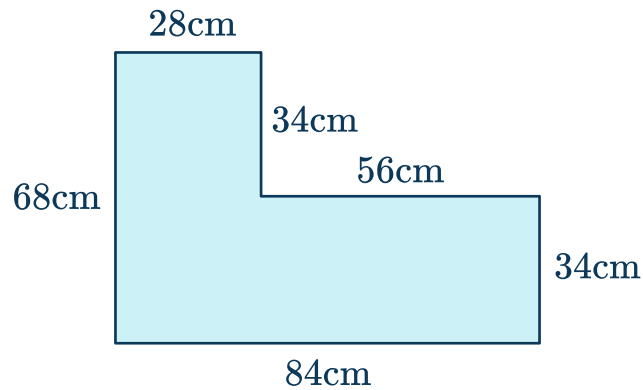
Grades 4 to 5

Skill Questions

Name:

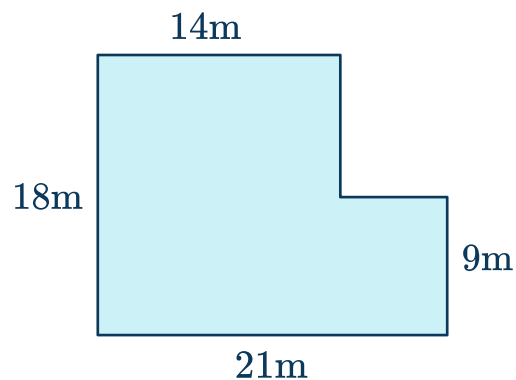
Date:

- 1 Find the perimeter of the shape.



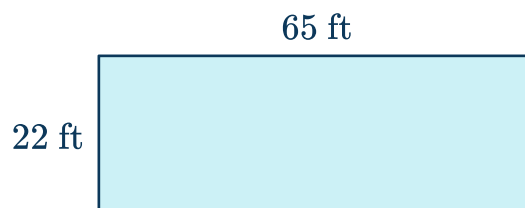
Answer

- 2 Find the perimeter of the shape.



Answer

- 3 Find the perimeter of the rectangle.



Answer

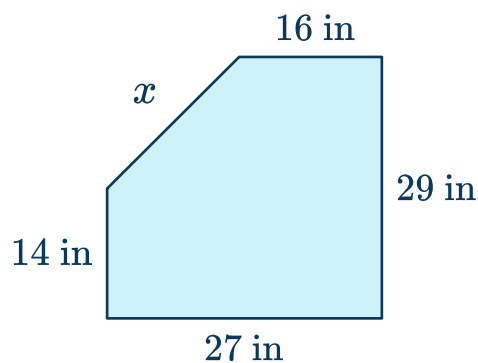
- 4 Find the perimeter of the square.

$$6\frac{1}{4} \text{ in}$$



Answer

- 5 The perimeter of the shape below is 105 inches.
Find missing side length x .



Answer

- 6 A regular octagon has a perimeter of 136 cm. What is the length of each side?

Answer

- 7 James is renovating his rectangular room. If the length is 16 feet and the perimeter is 60 feet, what is the width of the room?

Answer

Perimeter Worksheet | Grades 4 to 5

- 8 A basketball court has a perimeter of 284 feet. If one side is 92 feet long, what is the length of the other side?

Answer



-
- 9 Use the formula below to find the length of a rectangle whose perimeter is 154 meters and width is 23 meters.

$$(2 \times \text{length}) + (2 \times \text{width}) = \text{perimeter}$$

Answer



-
- 10 Use the formula below to find the width of a rectangle whose perimeter is 232 meters and length is 75 meters.

$$(2 \times \text{length}) + (2 \times \text{width}) = \text{perimeter}$$

Answer



Applied Questions

- 11 A rectangle has an area of 48 centimeters and a perimeter of 38 centimeters. What are its dimensions?

Answer

- 12 Circle all shapes whose perimeter can be calculated using the formula $(\text{length} + \text{width}) \times 2$.

square

equilateral triangle

parallelogram

circle

trapezoid

regular pentagon

regular hexagon

rectangle

rhombus

Answer

- 13 Circle all shapes whose perimeter can be calculated by multiplying the number of sides by the length of one of the sides.

square

equilateral triangle

parallelogram

circle

trapezoid

regular pentagon

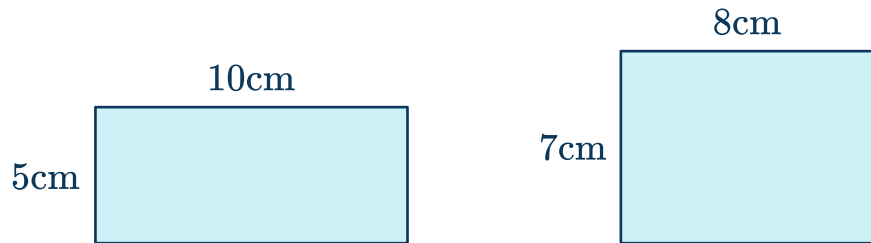
regular hexagon

rectangle

rhombus

Answer

- 14 The two rectangles shown have the same perimeter. Colin says that since they have the same perimeter, they must have the same area too. Is he correct? Why or why not?

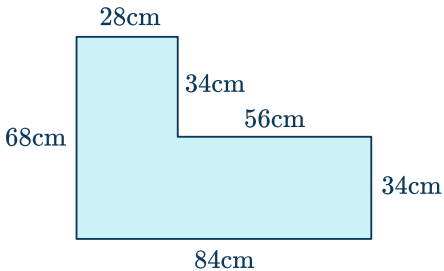
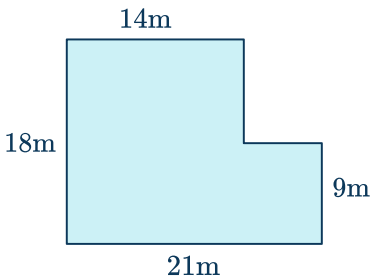

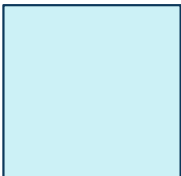


Answer

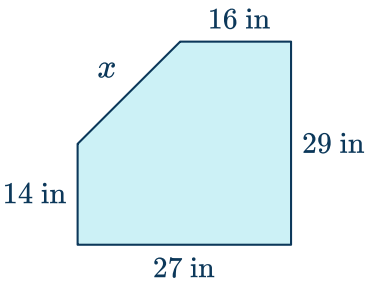
- 15 Amelia walked around the perimeter of a square park 4 times and covered a total distance of 1600 meters. What is the length of one of the sides of the square park?

Answer


Answers

| Question number | Question | Answers | Standard |
|-----------------|---|-----------|----------|
| 1 | Find the perimeter of the shape.  | 304cm | 4.MD.A.3 |
| 2 | Find the perimeter of the shape.  | 78 meters | 4.MD.A.3 |
| 3 | Find the perimeter of the rectangle.  | 174 feet | 4.MD.A.3 |
| 4 | Find the perimeter of the square.  | 25 inches | 4.MD.A.3 |

Perimeter Worksheet | Grades 4 to 5 | Answers

| Question number | Question | Answers | Standard |
|-----------------|--|--------------------|----------|
| 5 | <p>The perimeter of the shape below is 105 inches. Find missing side length x.</p>  | 19 inches | 4.MD.A.3 |
| 6 | A regular octagon has a perimeter of 136 cm. What is the length of each side? | 17 cm | 4.MD.A.3 |
| 7 | James is renovating his rectangular room. If the length is 16 feet and the perimeter is 60 feet, what is the width of the room? | 14 feet | 4.MD.A.3 |
| 8 | A basketball court has a perimeter of 284 feet. If one side is 92 feet long, what is the length of the other side? | 50 feet | 4.MD.A.3 |
| 9 | <p>Use the formula below to find the length of a rectangle whose perimeter is 154 meters and width is 23 meters.</p> $(2 \times \text{length}) + (2 \times \text{width}) = \text{perimeter}$ | length = 54 meters | 4.MD.A.3 |
| 10 | <p>Use the formula below to find the width of a rectangle whose perimeter is 232 meters and length is 75 meters.</p> $(2 \times \text{length}) + (2 \times \text{width}) = \text{perimeter}$ | 41 meters | 4.MD.A.3 |

Perimeter Worksheet | Grades 4 to 5 | Answers

| Question number | Question | Answers | Standard |
|-----------------|--|--|----------|
| 11 | A rectangle has an area of 48 centimeters and a perimeter of 38 centimeters. What are its dimensions? | length = 16 cm width = 3 cm | 4.MD.A.3 |
| 12 | Circle all shapes whose perimeter can be calculated using the formula $(\text{length} + \text{width}) \times 2$. square equilateral triangle circle trapezoid regular hexagon rectangle parallelogram regular pentagon rhombus | square rectangle parallelogram rhombus | 4.MD.A.3 |
| 13 | Circle all shapes whose perimeter can be calculated by multiplying the number of sides by the length of one of the sides. square equilateral triangle circle trapezoid regular hexagon rectangle parallelogram regular pentagon rhombus | square regular hexagon equilateral triangle regular pentagon rhombus | 4.MD.A.3 |
| 14 | The two rectangles shown have the same perimeter. Colin says that since they have the same perimeter, they must have the same area too. Is he correct? Why or why not?  | No, he is not correct. The first rectangle has an area of 50 square centimeters and the second rectangle has an area of 56 square centimeters. | 4.MD.A.3 |

Perimeter Worksheet | Grades 4 to 5 | Answers




| Question number | Question | Answers | Standard |
|-----------------|---|---|----------|
| 15 | Amelia walked around the perimeter of a square park 4 times and covered a total distance of 1600 meters. What is the length of one of the sides of the square park? | The perimeter of the park = 400 meters (<i>note that Amelia walked the perimeter 4 times</i>). Therefore, the length of one side of the park is 100 meters. | 4.MD.A.3 |

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