

Name _____

ANSWERS

PERIMETER OF POLYGONS

Instructions: Practice calculating the perimeter in regular and irregular polygons, solve each question.

Exercise 1

"Calculate the perimeter of a rectangle with a length of 14 cm and a width of 6 cm."



Answer:

$$(14+6) \times 2 = 40\text{cm}$$

Exercise 2

"A regular heptagon (7-sided polygon) has a side length of 9 cm. What is its perimeter?"



Answer:

$$9\text{cm} \times 7 = 63\text{cm}$$

Exercise 3

"Find the perimeter of an isosceles trapezoid with bases of 10 cm and 6 cm, and legs of 4 cm each."



Answer:

$$10+6+4+4=24\text{cm}$$

Exercise 4

"A kite has side lengths of 8 cm and 5 cm (each pair of opposite sides are equal). What is its perimeter?"



Answer:

$$(8 \times 2) + (5 \times 2) = 26\text{cm}$$

How Did You Do? 😊 😐 😞