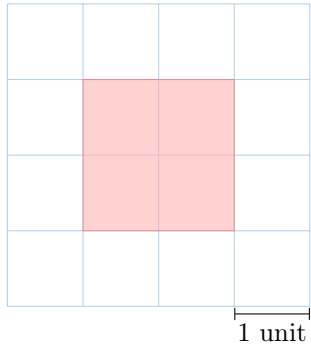


PERIMETER

A DEFINITION

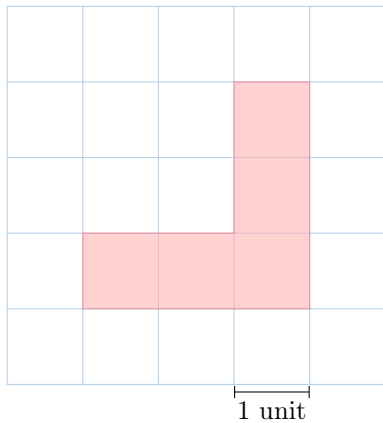
A.1 FINDING PERIMETER OF A SHAPE

Ex 1: What is the perimeter of the shaded figure?



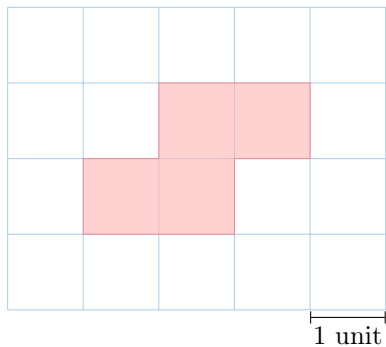
units

Ex 2: What is the perimeter of the shaded figure?



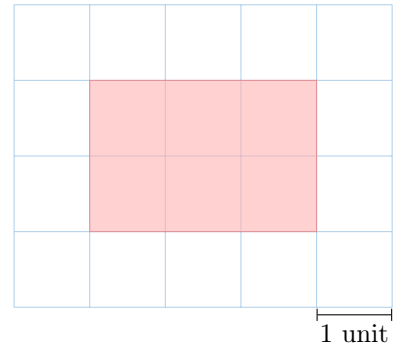
units

Ex 3: What is the perimeter of the shaded figure?



units

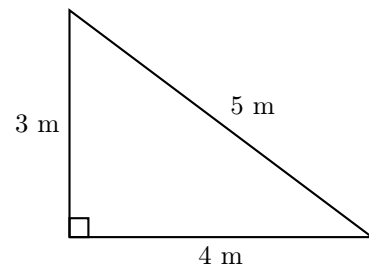
Ex 4: What is the perimeter of the shaded figure?



units

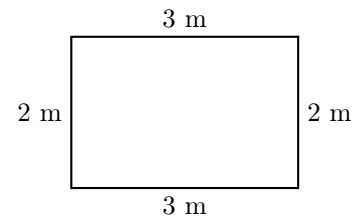
A.2 FINDING PERIMETER WHEN GIVEN SIDE LENGTHS

Ex 5: What is the perimeter of the right angle triangle?



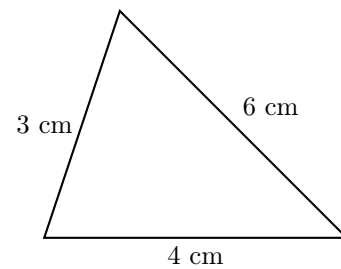
meters

Ex 6: What is the perimeter of the rectangle?



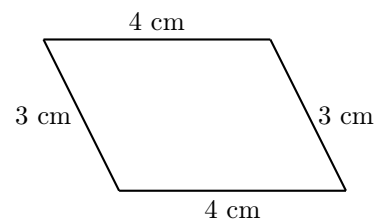
meters

Ex 7: What is the perimeter of the scalene ?



centimeters

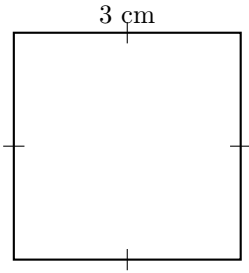
Ex 8: What is the perimeter of the parallelogram?



centimeters

A.3 BUILDING EXPRESSIONS

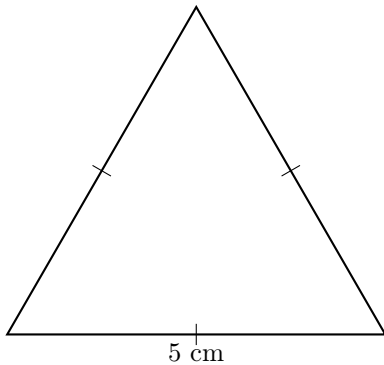
MCQ 9: Which of the following expressions can be used to find the perimeter of the square?
All sides are the same length.



Choose 2 answers:

- ☐ 4×3
- ☐ $4 + 3$
- ☐ $3 + 3 + 3 + 3$
- ☐ $3 + 3$

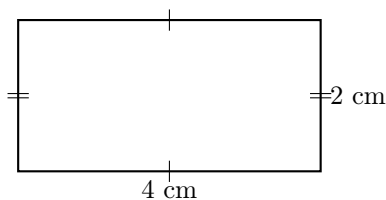
MCQ 10: Which of the following expressions can be used to find the perimeter of the equilateral triangle?
All sides are the same length.



Choose 2 answers:

- ☐ $5 + 3$
- ☐ 3×5
- ☐ $5 + 5 + 5$
- ☐ $5 + 5$

MCQ 11: Which of the following expressions can be used to find the perimeter of the rectangle?
Opposite sides are the same length.



Choose 2 answers:

- ☐ $2 + 4$

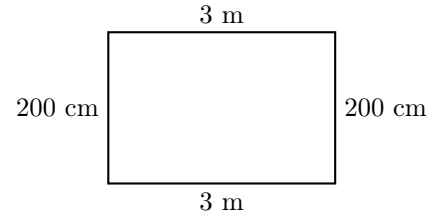
☐ $(2 \times 2) + (2 \times 4)$

☐ $4 + 4 + 2 + 2$

☐ 4×2

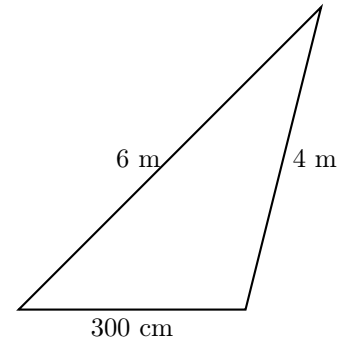
A.4 FINDING PERIMETER WHEN GIVEN SIDE LENGTHS USING CONVERSION UNIT LENGTHS

Ex 12: What is the perimeter of the rectangle?



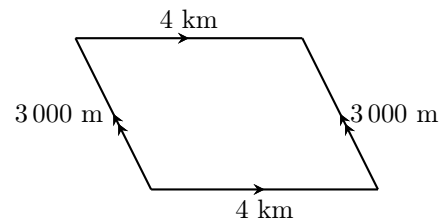
meters

Ex 13: What is the perimeter of the triangle?



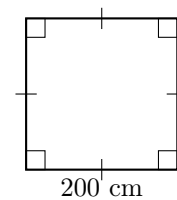
meters

Ex 14: What is the perimeter of the parallelogram?



kilometers

Ex 15: What is the perimeter of the square in meters?

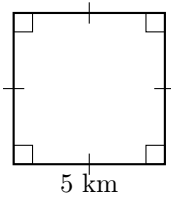


meters

B PERIMETER OF COMMON SHAPES

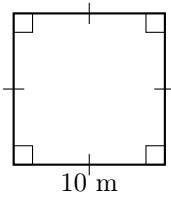
B.1 FINDING PERIMETERS OF SQUARES AND RECTANGLES

Ex 16: What is the perimeter of the square?



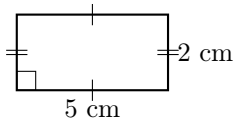
kilometers

Ex 17: What is the perimeter of the square?



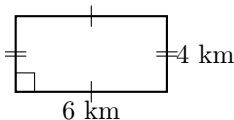
meters

Ex 18: What is the perimeter of the rectangle?




centimeters

Ex 19: What is the perimeter of the rectangle?




kilometers


B.2 SOLVING PROBLEMS

Ex 20:  A farmer wants to build a fence around a rectangular field that measures 30 m by 20 m. The cost of the fence is 10 dollars per meter. What is the total cost to build the fence around the field?


dollars

Ex 21:  A park manager wants to install a pathway of lights around a square park that has a side length of 50 m. The cost of installing the lights is 15 dollars per meter. What is the total cost to install the lights around the park?

dollars

Ex 22:  A school wants to create a border of flowers around a rectangular garden that measures 40 m by 25 m. The cost of planting the flowers is 8 dollars per meter. What is the total cost to create the flower border around the garden?

dollars

Ex 23:  To celebrate a community event, children form a human chain to surround a square park with a side length of 50 m. If 2 children are needed per meter, how many children are required to surround the park?

children