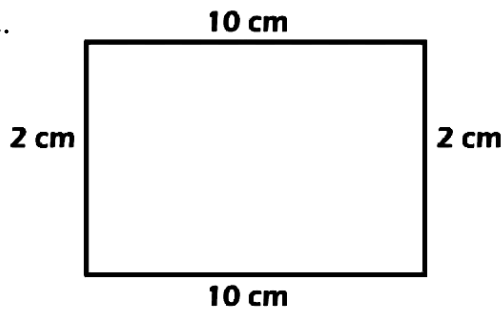


Worksheet 1-2: Perimeter of 2-D Shapes**Steps for determining the perimeter of a given 2-D shape:**

1. Examine the given figure carefully
2. Identify all given side-lengths
3. Determine all missing side-lengths using the given side-lengths
4. Add all the side-lengths
5. Write out your adding process
6. Write your answer statement in an English sentence including the measurement unit

Determine the perimeter of each given figure.

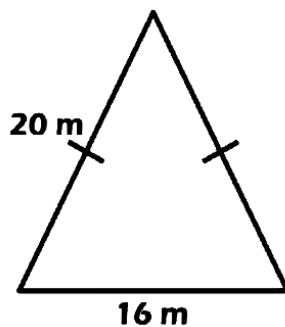
1.



$$\begin{aligned} \text{Perimeter} &= 10 + 10 + 2 + 2 \\ &= 24 \end{aligned}$$

The perimeter is 24 cm.

2.

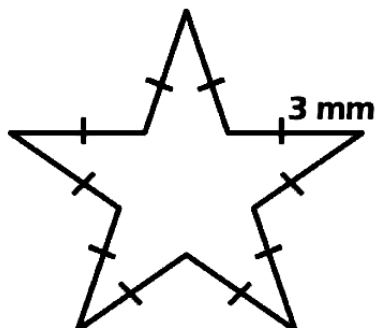
**Note:**

The small lines on the two sides of the triangle mean the two sides have the same length.

$$\begin{aligned} \text{Perimeter} &= 20 + 20 + 16 \\ &= 56 \end{aligned}$$

The perimeter is 56 m.

3.

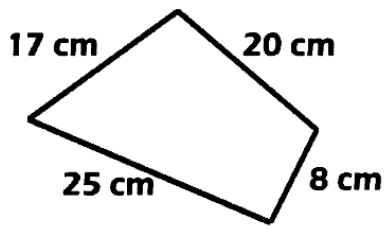
**Note:**

All ten sides have the same length. Instead of adding 3 ten times, we can multiply 3 by 10. Multiplication is the shortcut for repeated addition.

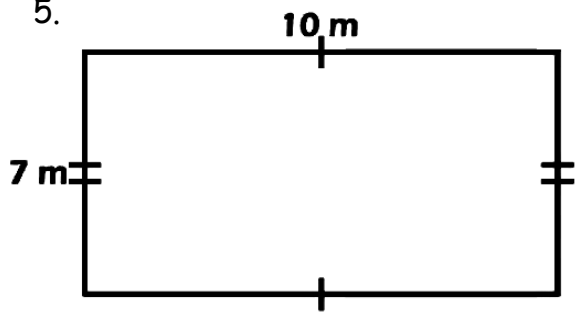
$$\begin{aligned} \text{Perimeter} &= 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 \\ &= 3 \times 10 \\ &= 30 \end{aligned}$$

The perimeter is 30 mm.

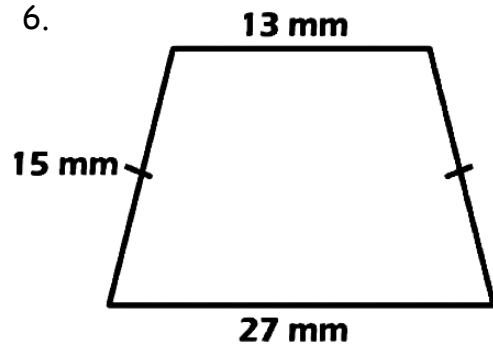
4.



5.



6.



7.

