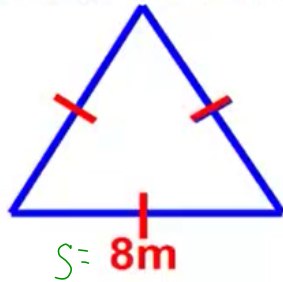


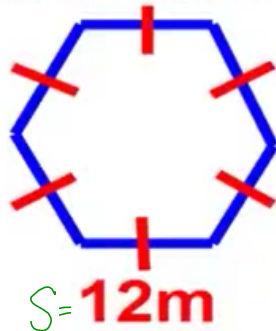
# Perimeter Examples

1. Calculate the perimeter of the following equilateral triangle.



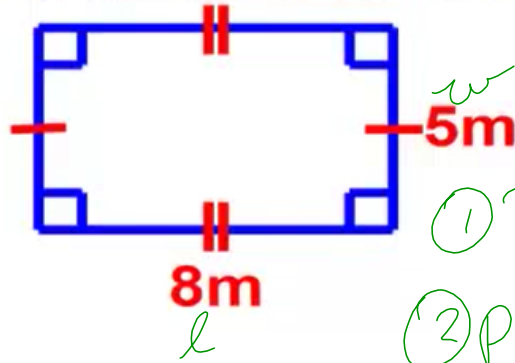
$$P = 3s \quad \textcircled{1} \text{ Rule}$$
$$P = 3(8) \quad \textcircled{2} \text{ Plug in}$$
$$\boxed{P = 24m} \quad \textcircled{3} \text{ Solve}$$

2. Calculate the perimeter of the following regular hexagon.



$$6 \text{ sides}$$
$$\textcircled{1} P = bs$$
$$\textcircled{2} P = 6(12)$$
$$\textcircled{3} \boxed{P = 72m}$$

3. Calculate the perimeter of the following rectangle.



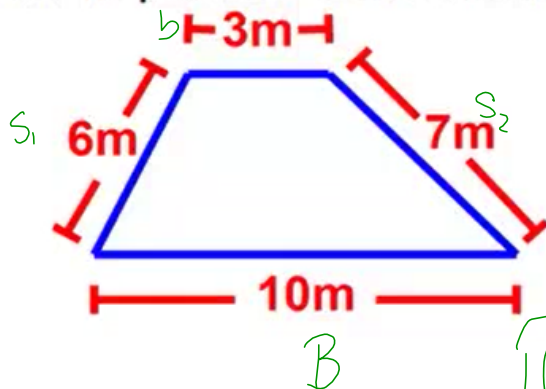
$$\textcircled{1} P = 2l + 2w$$

$$\textcircled{2} P = 2(8) + 2(5)$$

$$\textcircled{3} P = 16 + 10$$

$$P = 26m$$

4. Calculate the perimeter of the following trapezoid.



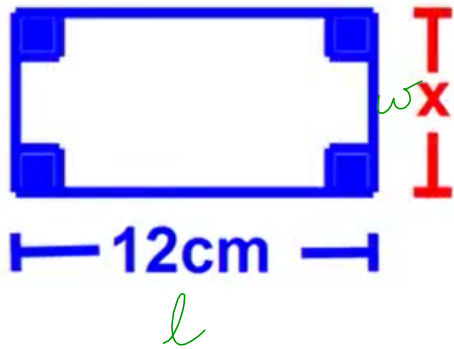
$$\textcircled{1} P = s_1 + b + s_2 + B$$

$$\textcircled{2} P = 6 + 3 + 7 + 10$$

$$\textcircled{3} P = 26m$$



4. The perimeter of the following rectangle is **36cm**. What is the measure of the missing side **x**?



$$(1) P = 2l + 2w$$

$$(2) 36 = 2(12) + 2w$$

$$(3) 36 = 24 + 2w$$

$$(4) 36 - 24 = 2w$$

$$(5) 12 = 2w$$

$$(6) 12 \div 2 = w$$

$$6 = w$$

The missing side is 6 cm