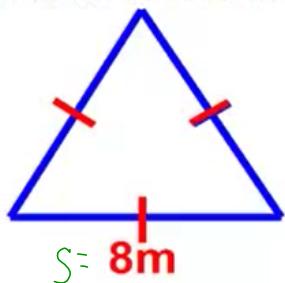


Perimeter Examples

1. Calculate the perimeter of the following equilateral triangle.

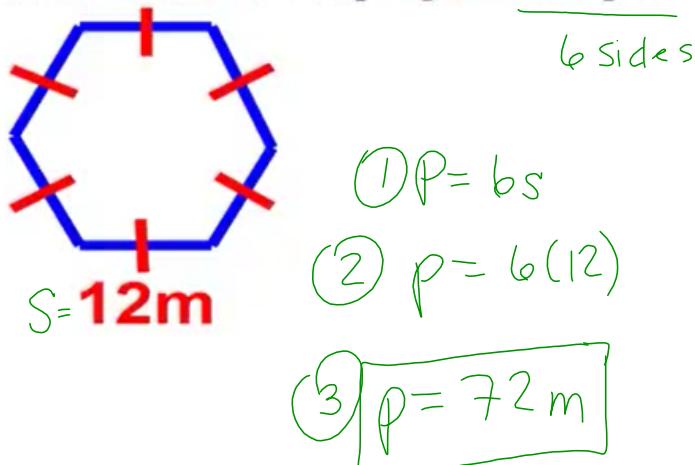


$$P = 3s \quad \textcircled{1} \text{ Rule}$$

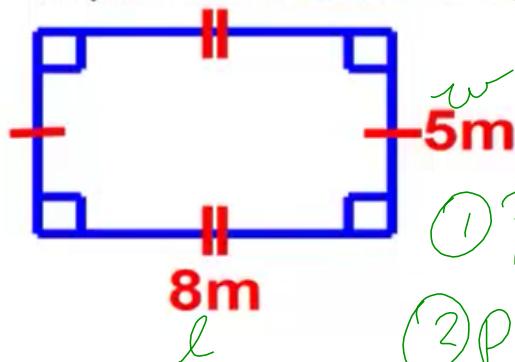
$$P = 3(8) \quad \textcircled{2} \text{ Plug in}$$

$$\boxed{P = 24\text{m}} \quad \textcircled{3} \text{ Solve}$$

2. Calculate the perimeter of the following regular hexagon.



3. Calculate the perimeter of the following rectangle.



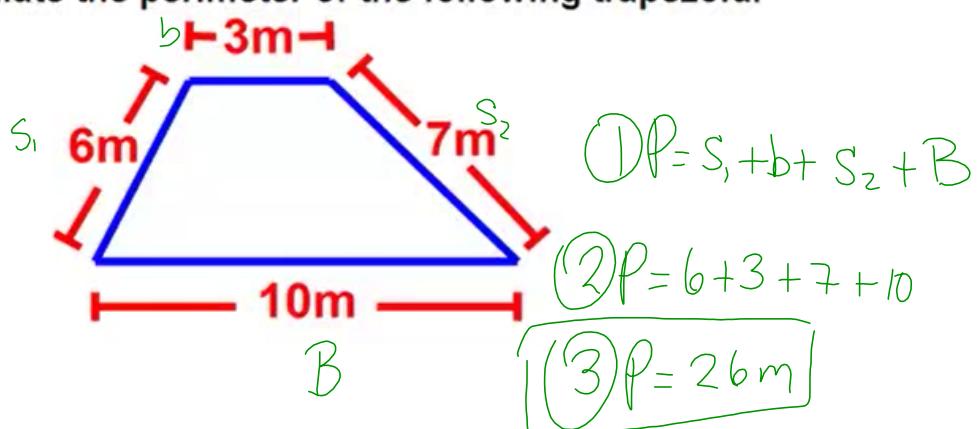
$$\textcircled{1} P = 2l + 2w$$

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

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

$$\boxed{P = 26 \text{ m}}$$

4. Calculate the perimeter of the following trapezoid.

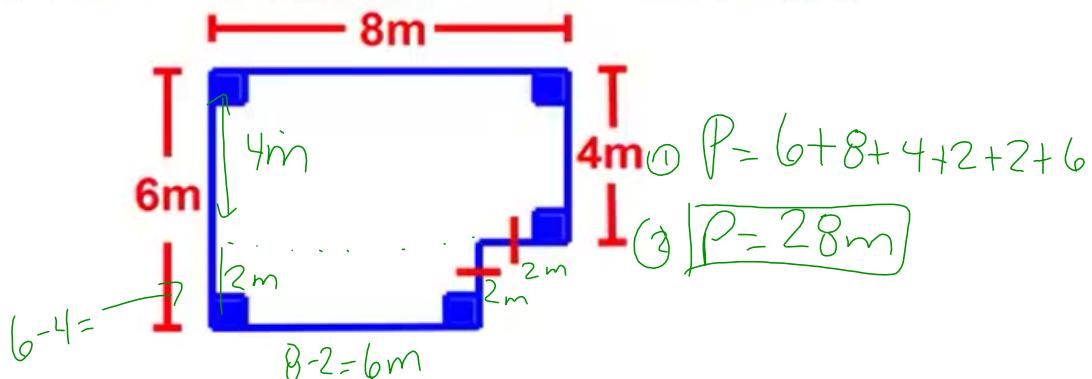


$$\textcircled{1} P = s_1 + b + s_2 + B$$

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

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

5. Calculate the perimeter of the following diagram.



1. The side length of a rhombus measures 21mm. What is the perimeter in cm?

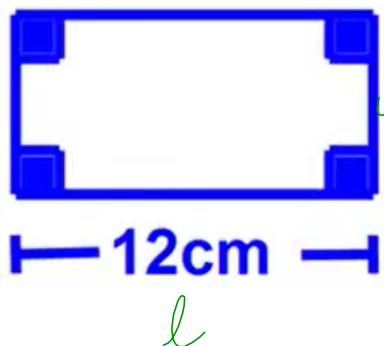
$$\textcircled{1} \quad P = 4s$$

$$\textcircled{2} \quad P = 4(21)$$

$$\textcircled{3} \quad P = 84 \text{ mm}$$

$$\textcircled{4} \quad \text{Convert } \boxed{P = 8.4 \text{ cm}}$$

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



The missing
side is 6 cm

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

$$\textcircled{2} \quad 36 = 2(12) + 2w$$

$$\textcircled{3} \quad 36 = 24 + 2w$$

$$\textcircled{4} \quad 36 - 24 = 2w$$

$$\textcircled{5} \quad 12 = 2w$$

$$\textcircled{6} \quad 12 : 2 = w$$
$$6 = w$$