

PERIMETER OF RECTILINEAR SHAPES



GET READY



1) $5 + 9 + 7 + 1 + 5 + 3 =$

2) A rectangle's sides are 11 mm and 3 mm.
What is the rectangle's perimeter?

3) $\underline{\quad} - 13 = 13$

4) $57 = 66 - \underline{\quad}$

$$1) \quad 5 + 9 + 7 + 1 + 5 + 3 =$$
$$\boxed{5 + 5} + \boxed{9 + 1} + \boxed{7 + 3} = 30$$

2) A rectangle's sides are 11 mm and 3 mm.
What is the rectangle's perimeter? **28 mm**

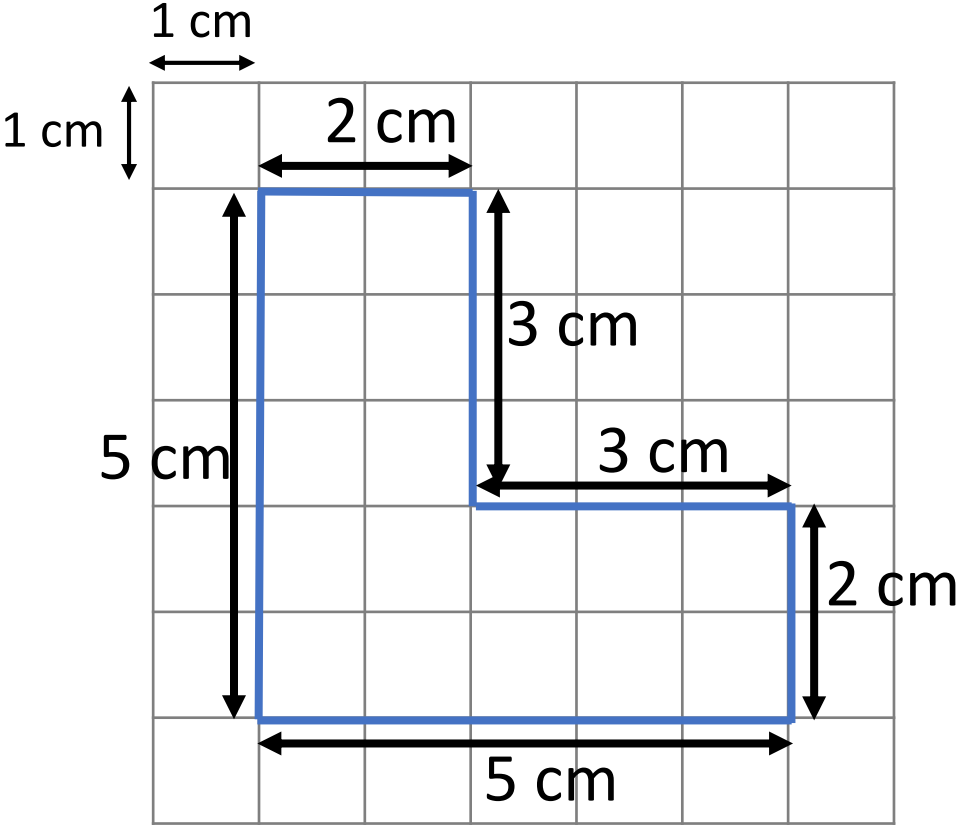
$$3) \quad \underline{26} - 13 = 13$$

$$4) \quad 57 = 66 - \underline{9}$$

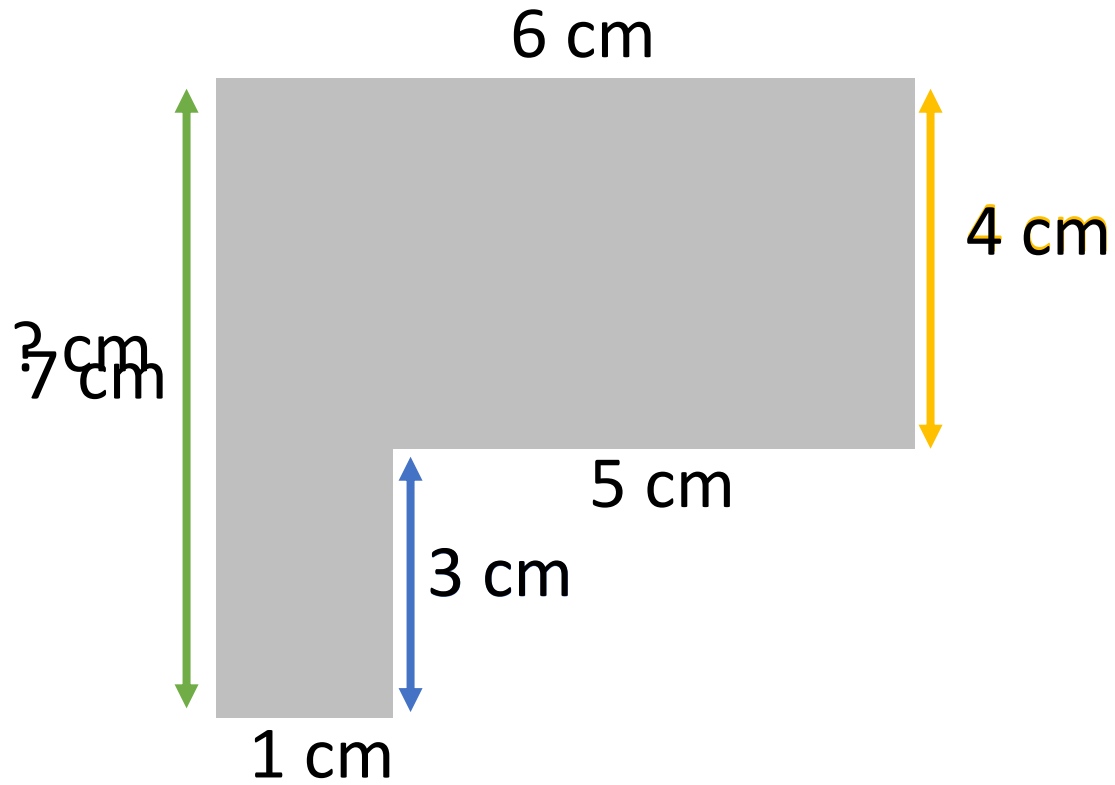
LET'S LEARN



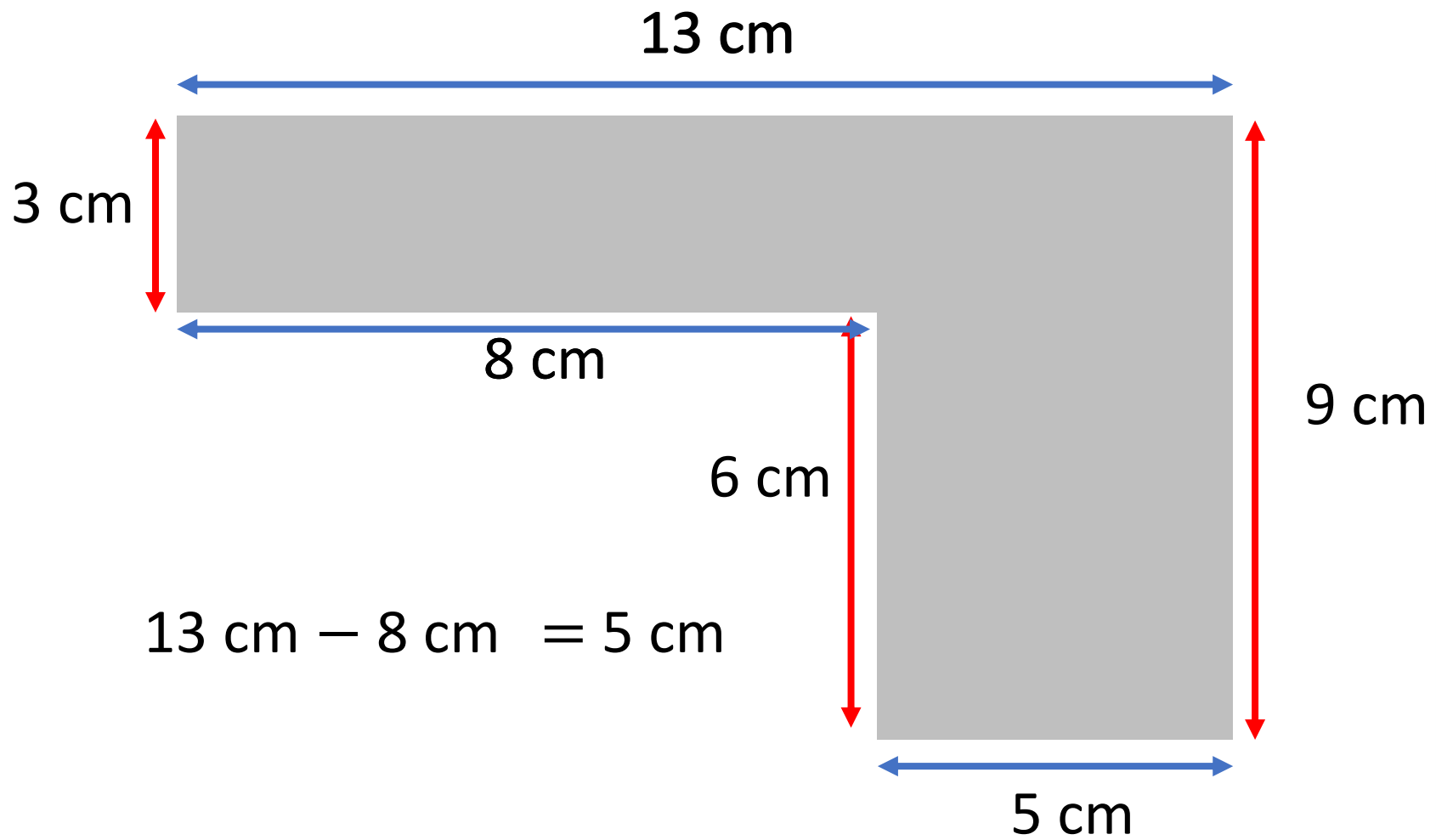
Perimeter = the length around a closed 2D shape



$$2\text{ cm} + 3\text{ cm} + 3\text{ cm} + 2\text{ cm} + 5\text{ cm} + 5\text{ cm} = 20\text{ cm}$$

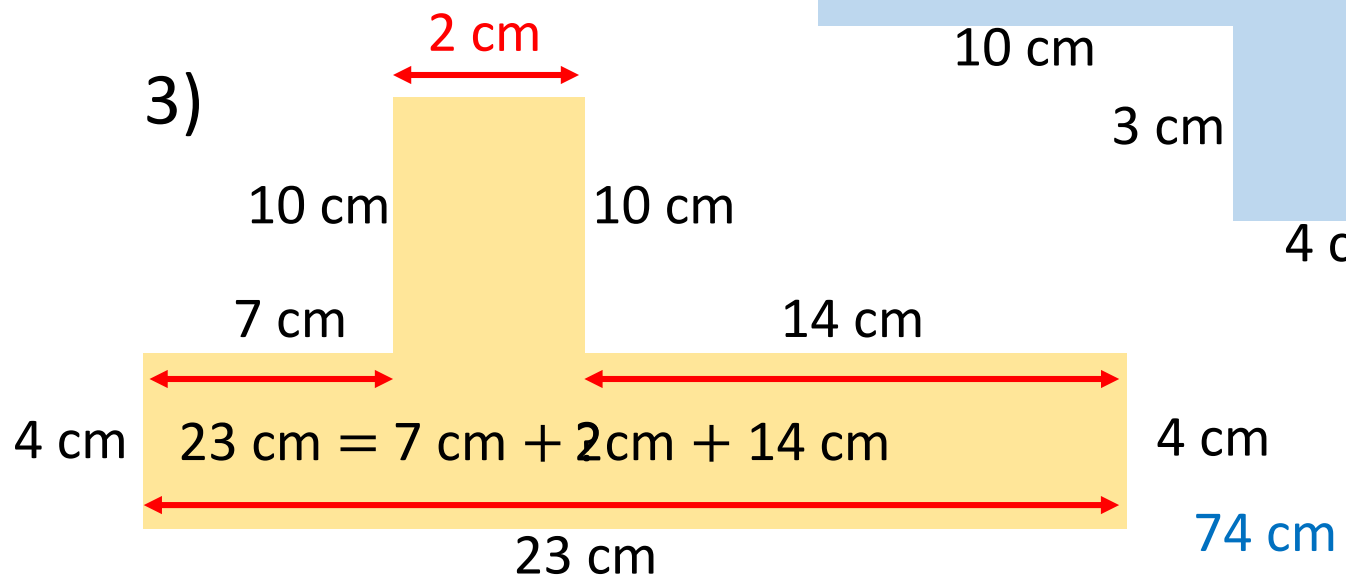
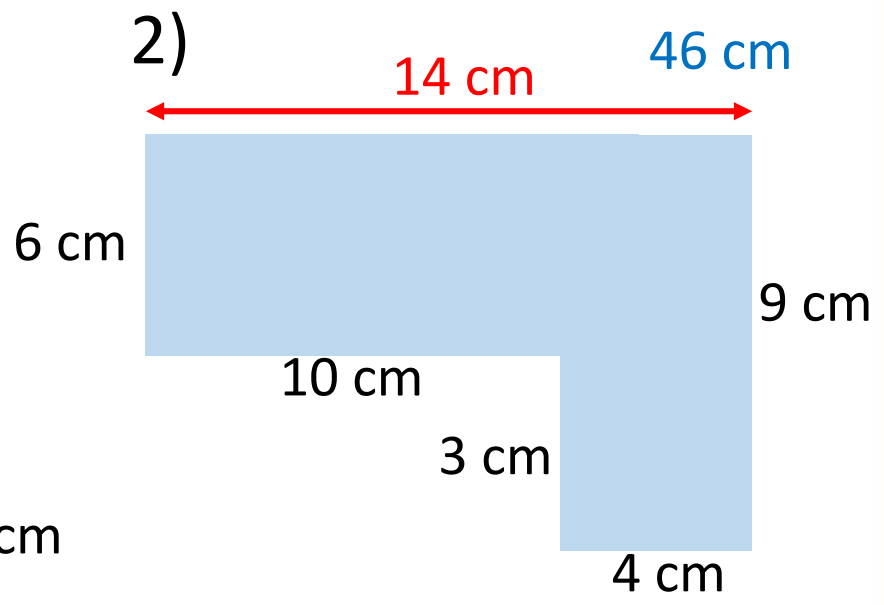
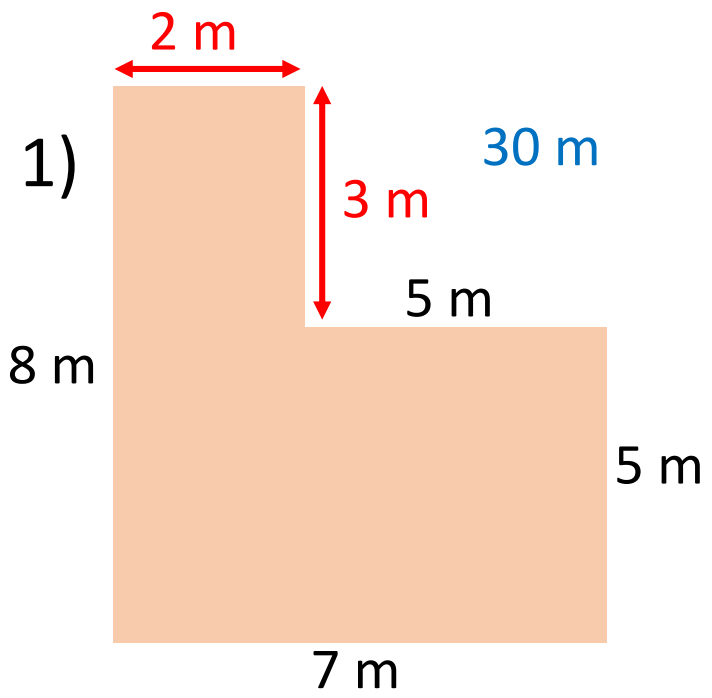


$$7 \text{ cm} + 6 \text{ cm} + 4 \text{ cm} + 5 \text{ cm} + 3 \text{ cm} + 1 \text{ cm} = 26 \text{ cm}$$



$$3 \text{ cm} + 13 \text{ cm} + 9 \text{ cm} + 5 \text{ cm} + 6 \text{ cm} + 8 \text{ cm} = 44 \text{ cm}$$

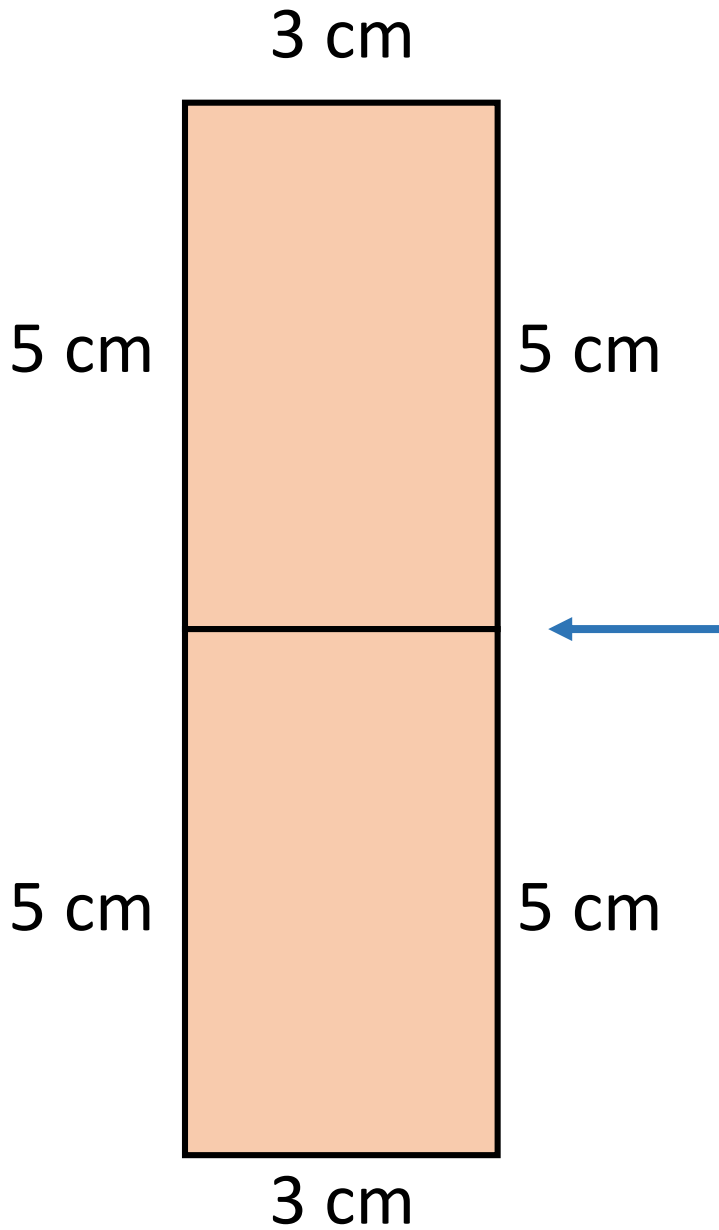
Have a think



YOUR TURN

Have a go at questions
1 - 4 on the worksheet





Have a think 

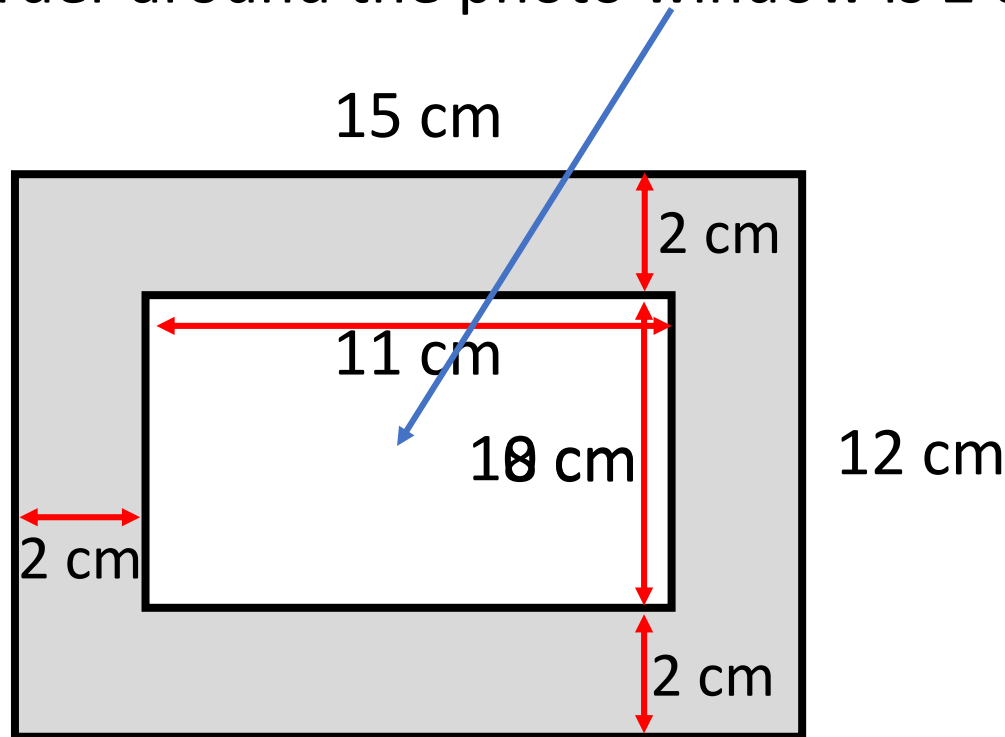
$$\text{Perimeter} = 16 \text{ cm}$$

$$\text{Perimeter} = ~~20~~ \text{ cm}$$

Have a think



A photo frame is 15 cm long and 12 cm high.
The border around the photo window is 2 cm wide.



What is the perimeter of the photo window? **38 cm**

YOUR TURN

Have a go at questions
5 - 7 on the worksheet

