

Perimeter

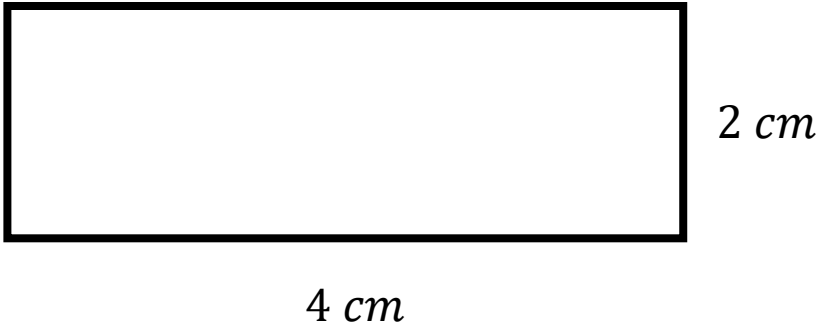
Note lots of perimeter questions in circle geometry

[CONTENTS](#)

Worked example	Your turn
Calculate the perimeter of a regular polygon with side length 7 cm :	Calculate the perimeter of a regular polygon with side length 8 cm :
Triangle (equilateral)	Heptagon 56 cm
Quadrilateral (square)	Octagon 64 cm
Pentagon	Nonagon 72 cm
Hexagon	Decagon 80 cm

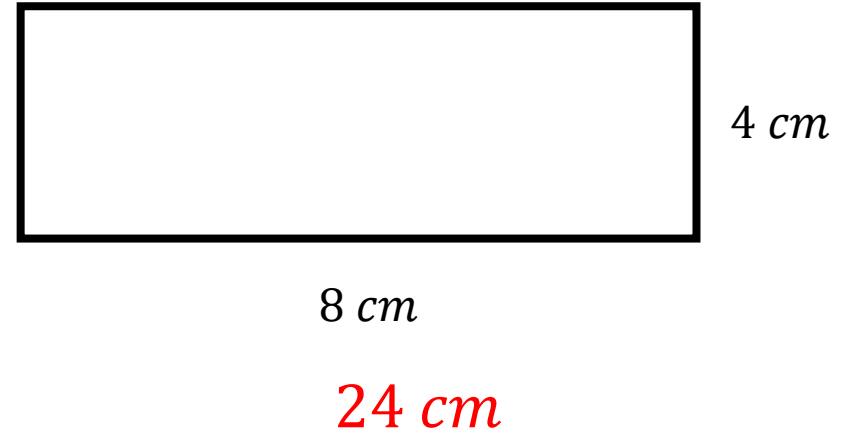
Worked example

Calculate the perimeter of the rectangle:



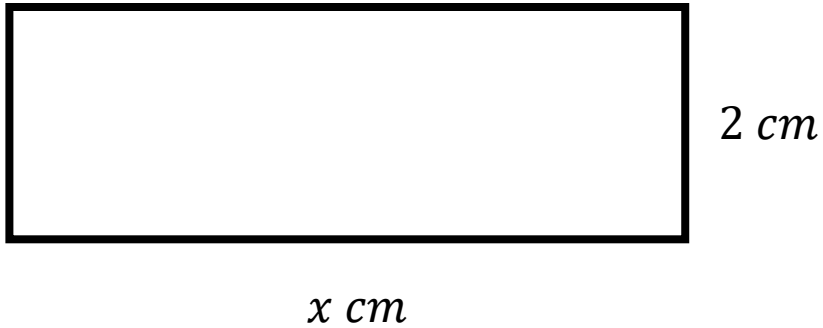
Your turn

Calculate the perimeter of the rectangle:



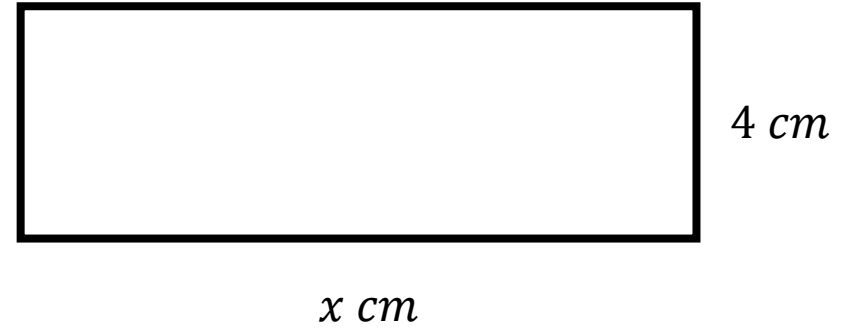
Worked example

The perimeter of the rectangle is 12 cm . Find x



Your turn

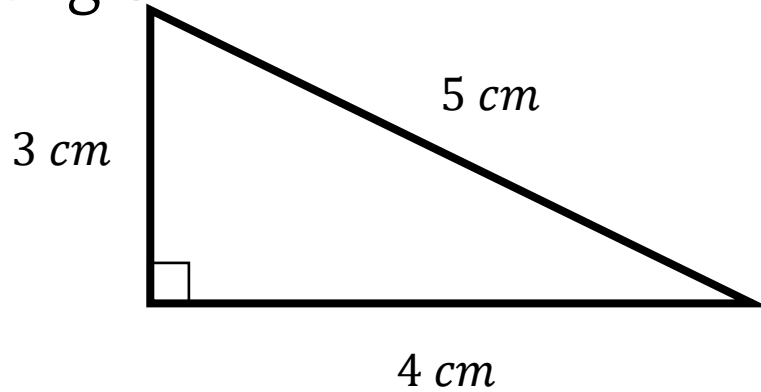
The perimeter of the rectangle is 24 cm . Find x



$$x = 8$$

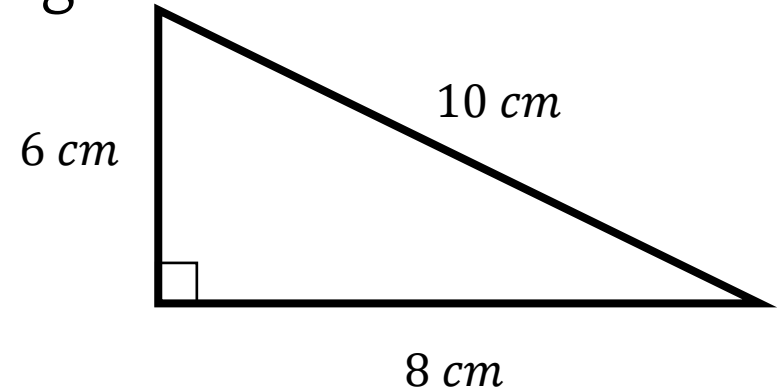
Worked example

Calculate the perimeter of the triangle



Your turn

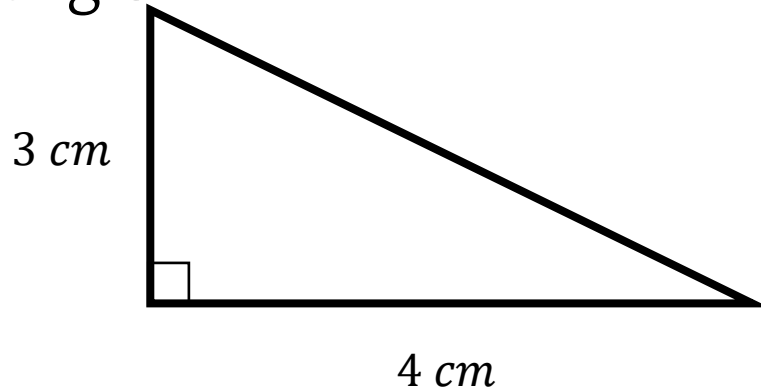
Calculate the perimeter of the triangle



24 cm

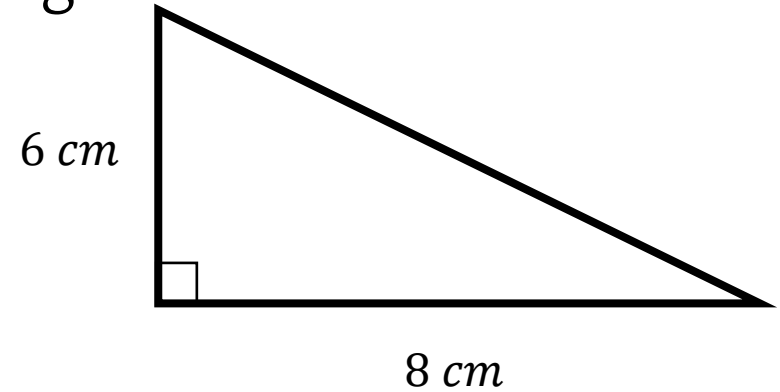
Worked example

Calculate the perimeter of the triangle



Your turn

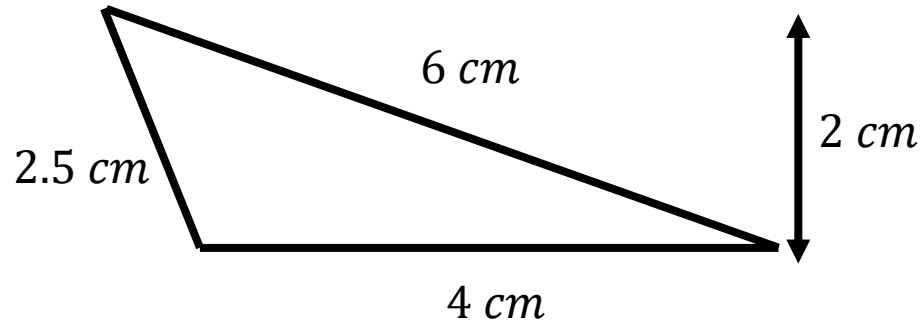
Calculate the perimeter of the triangle



24 cm

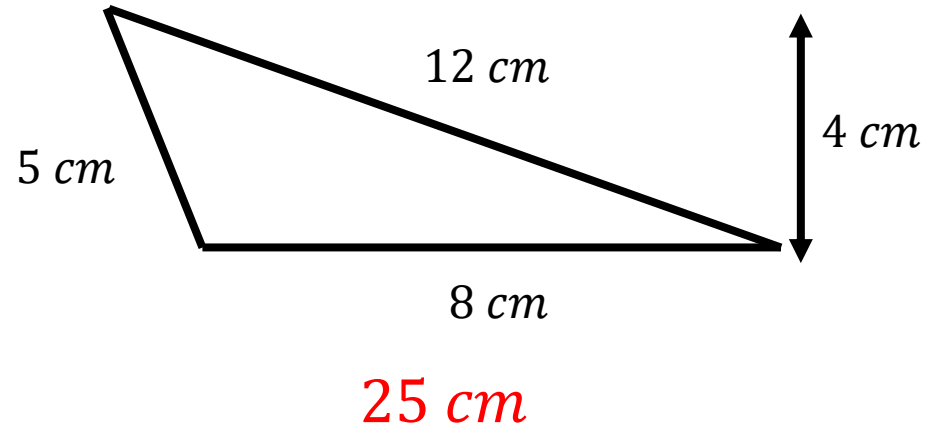
Worked example

Calculate the perimeter of the triangle



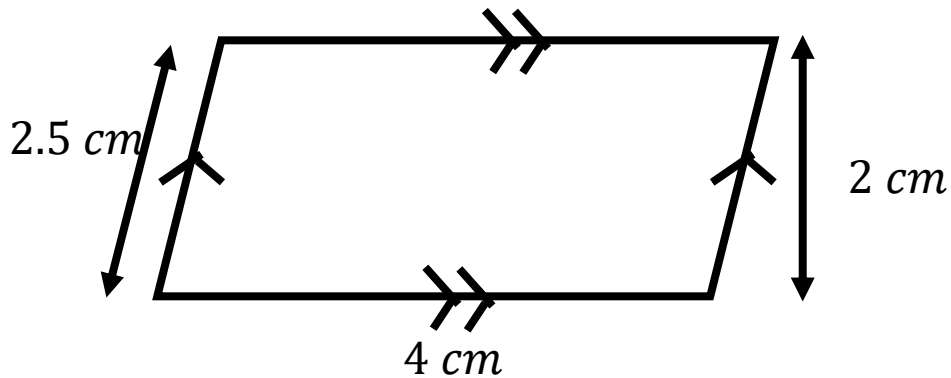
Your turn

Calculate the perimeter of the triangle



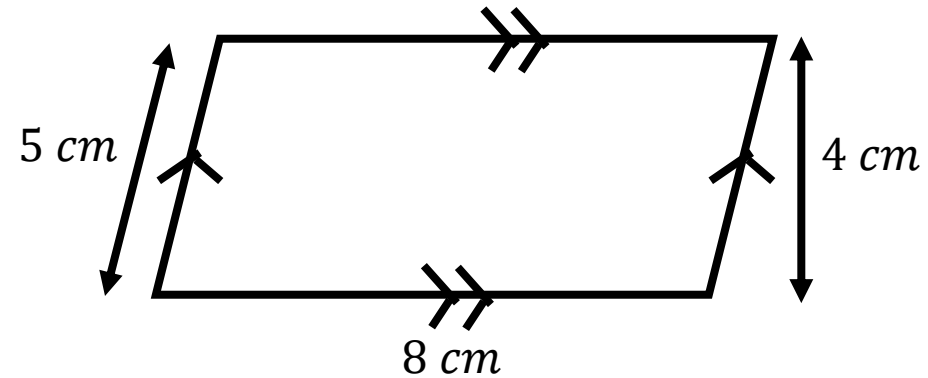
Worked example

Calculate the perimeter of the parallelogram



Your turn

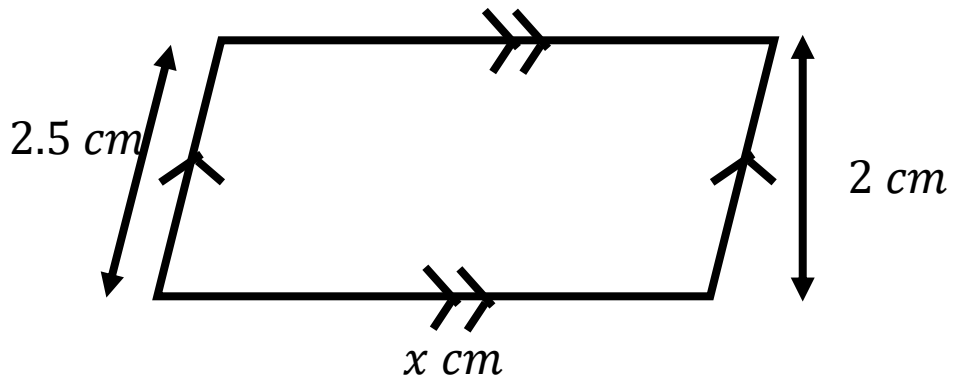
Calculate the perimeter of the parallelogram



26 cm

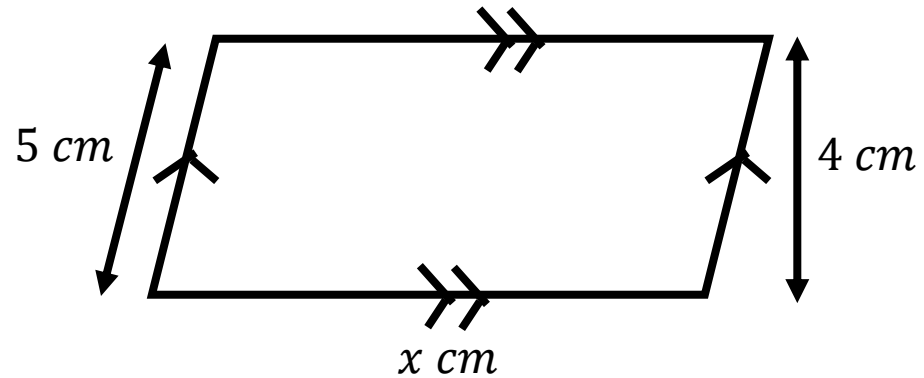
Worked example

The perimeter of the parallelogram is 13 cm . Find x



Your turn

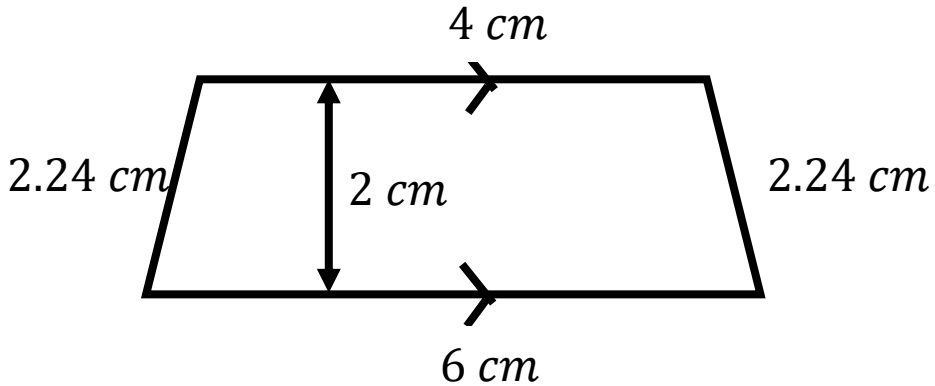
The perimeter of the parallelogram is 26 cm . Find x



$$x = 8$$

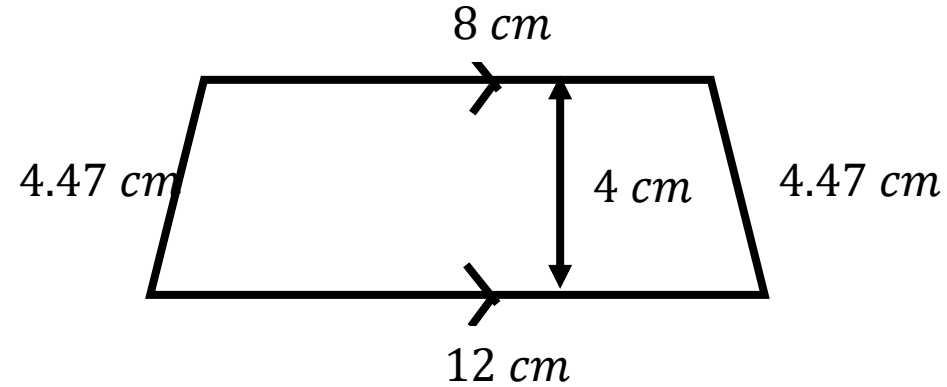
Worked example

Calculate the perimeter of the trapezium



Your turn

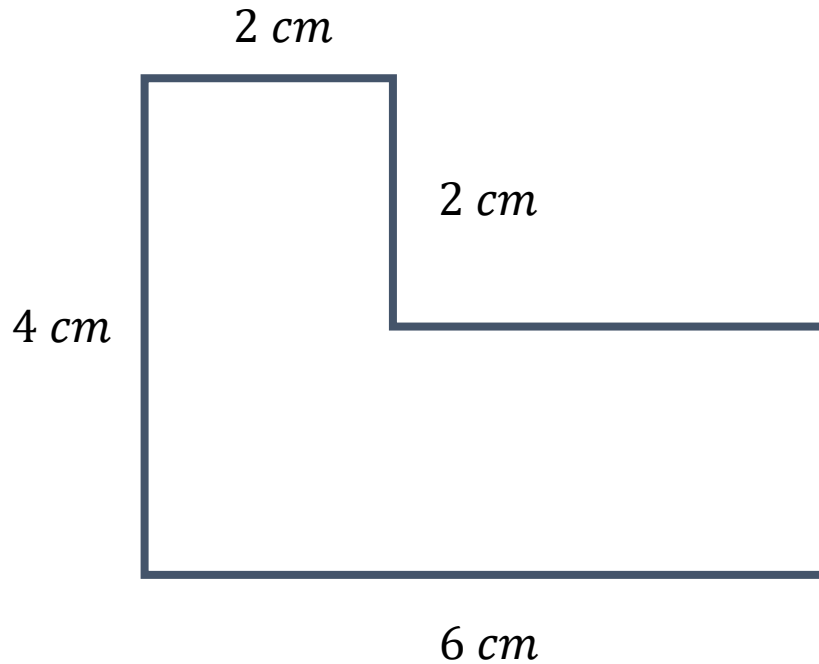
Calculate the perimeter of the trapezium



28.94 cm

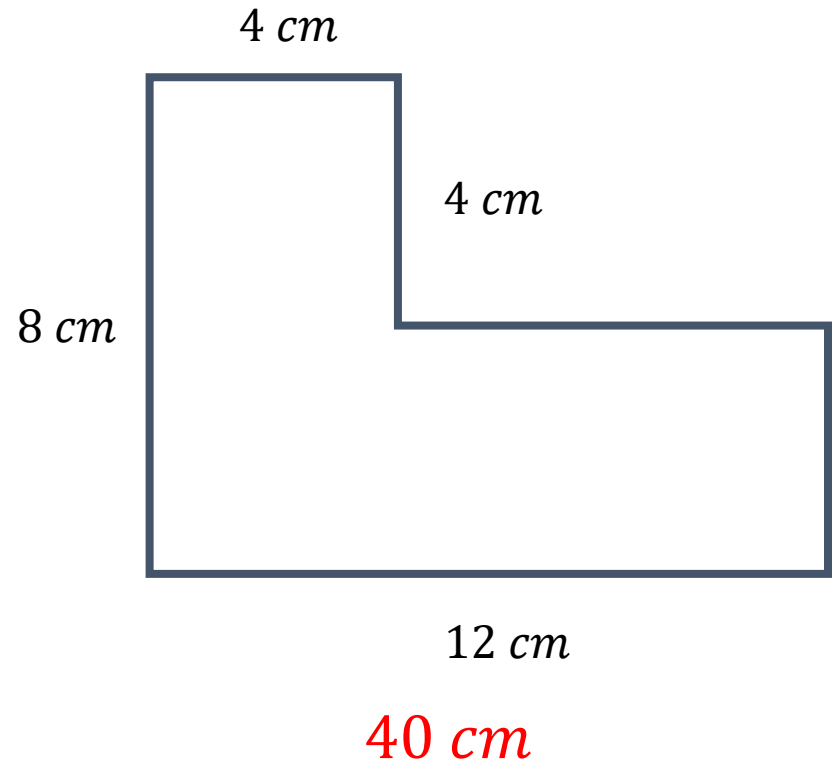
Worked example

Calculate the perimeter of this hexagon



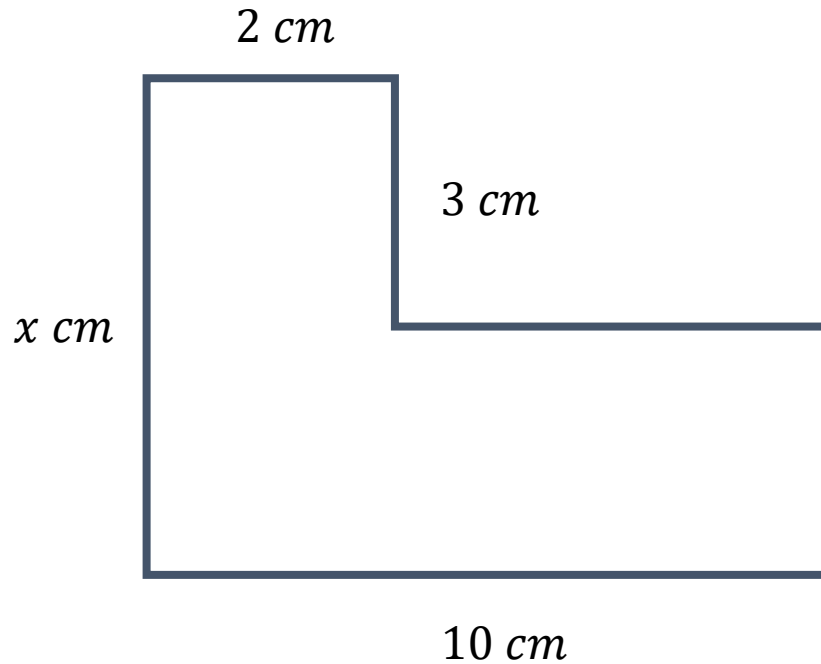
Your turn

Calculate the perimeter of this hexagon



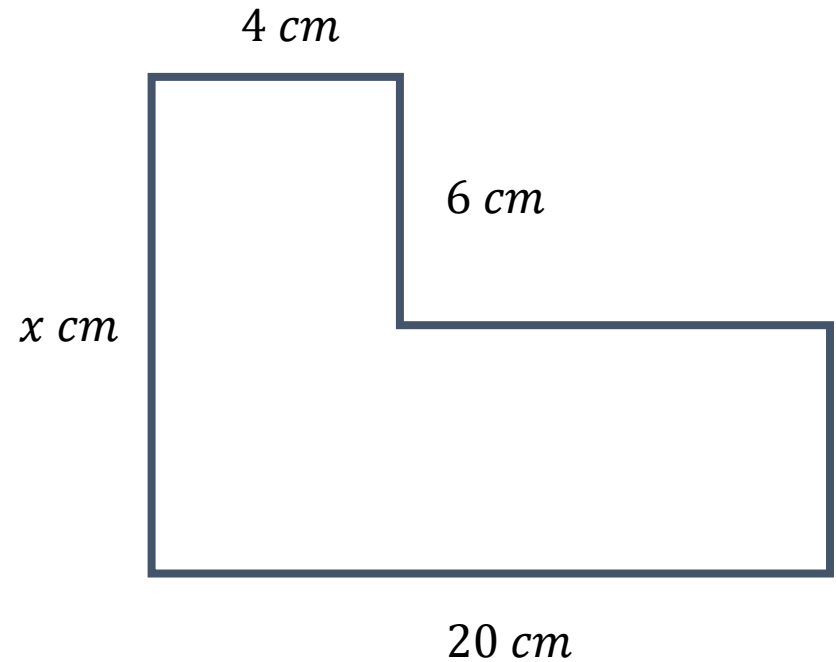
Worked example

The perimeter of this hexagon is 30 cm . Find x



Your turn

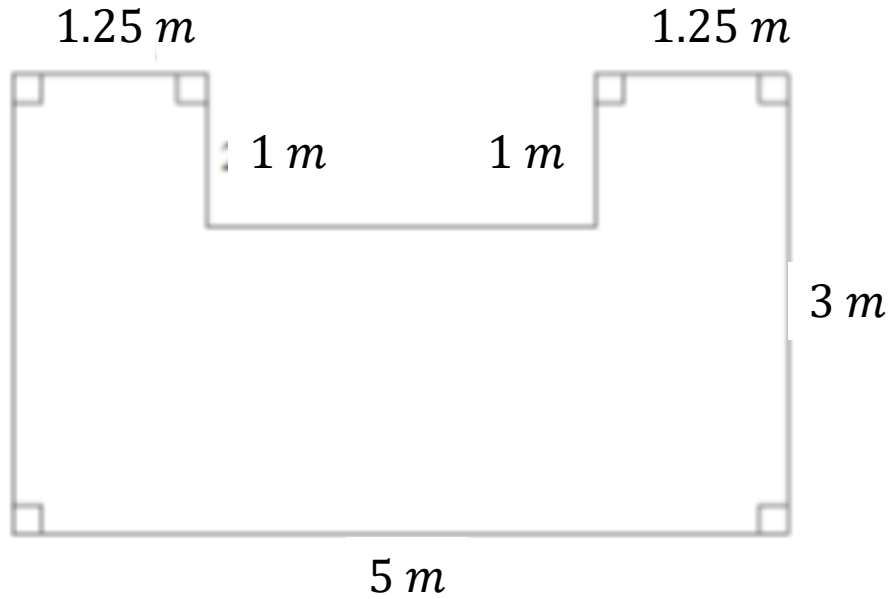
The perimeter of this hexagon is 60 cm . Find x



$$x = 10$$

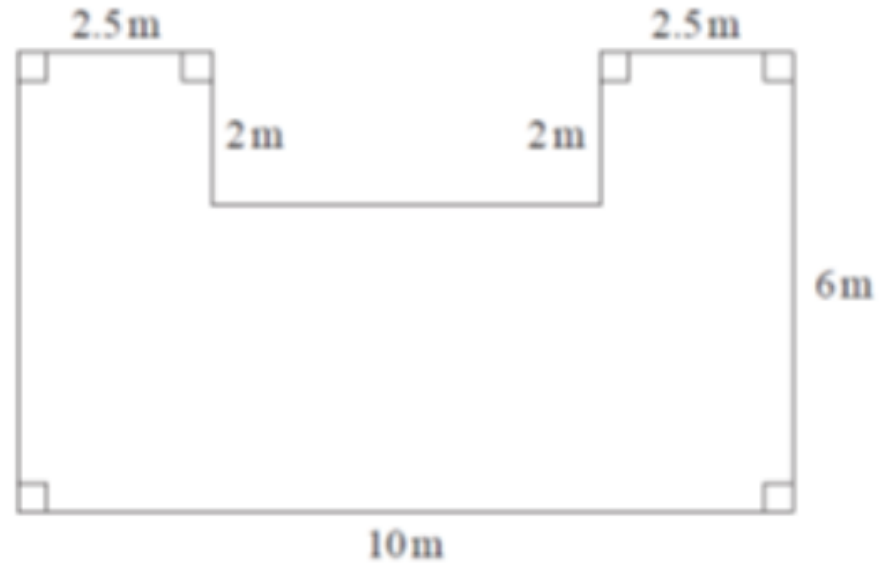
Worked example

Calculate the perimeter:



Your turn

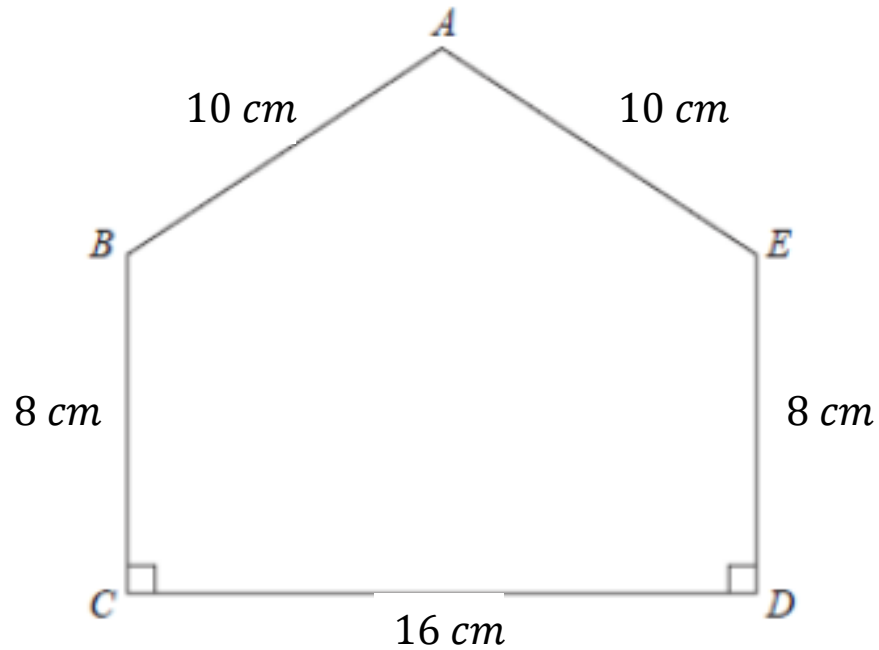
Calculate the perimeter:



32 m

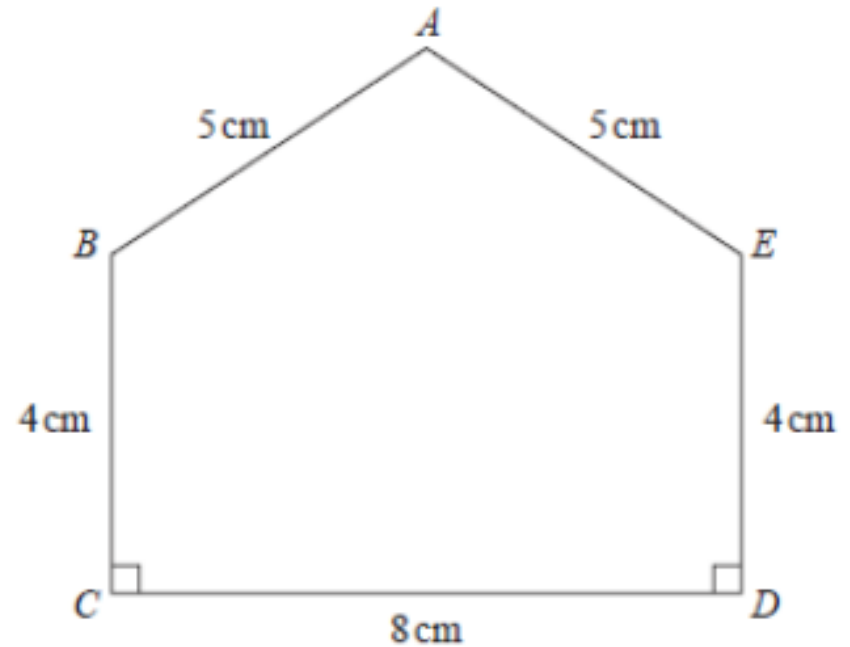
Worked example

Calculate the perimeter of the pentagon



Your turn

Calculate the perimeter of the pentagon



26 cm