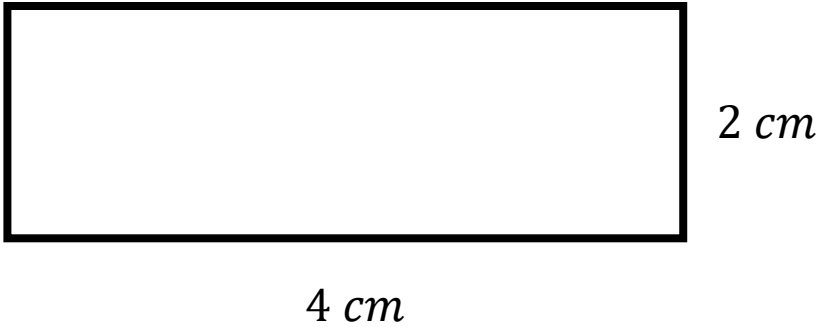


Area

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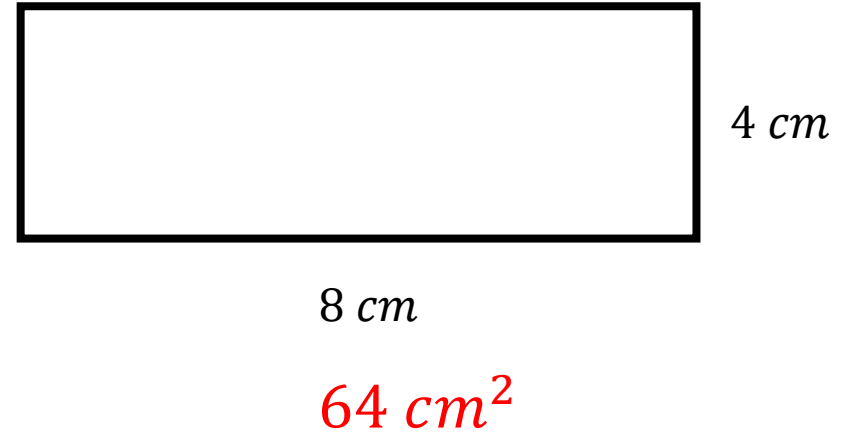
Worked example

Calculate the area of the rectangle:



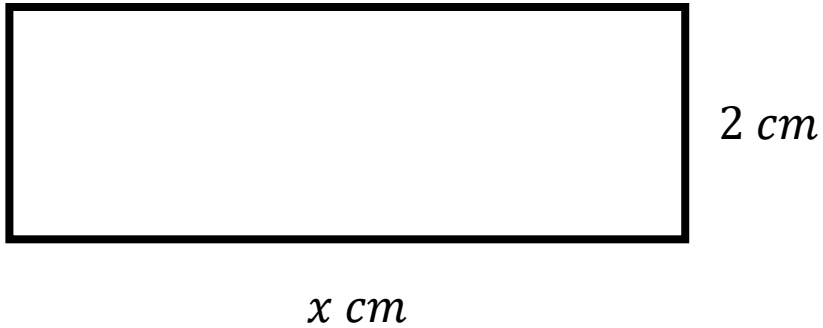
Your turn

Calculate the area of the rectangle:



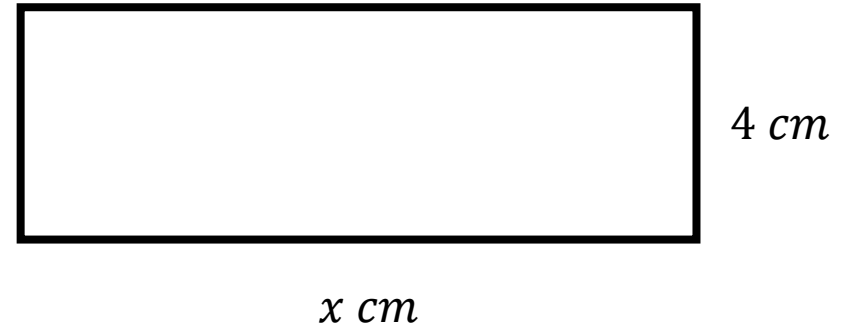
Worked example

The area of the rectangle is 8 cm^2 . Find x



Your turn

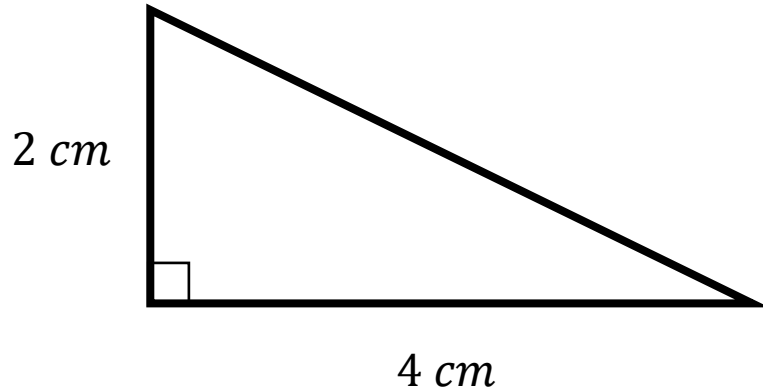
The area of the rectangle is 32 cm^2 . Find x



$$x = 8$$

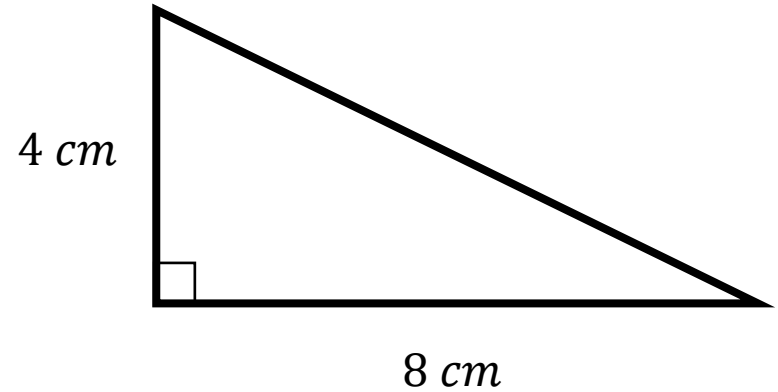
Worked example

Calculate the area of the triangle



Your turn

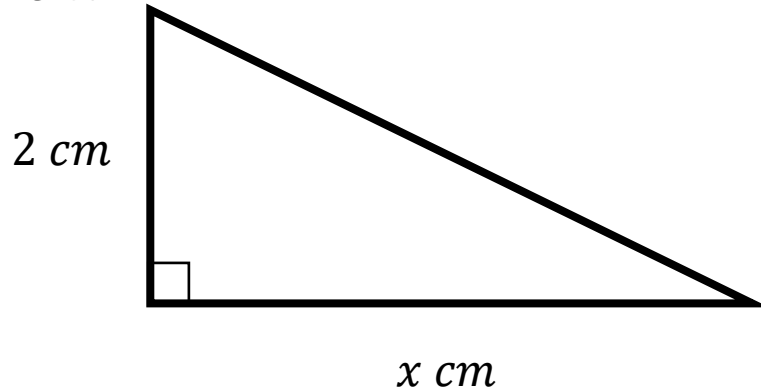
Calculate the area of the triangle



16 cm^2

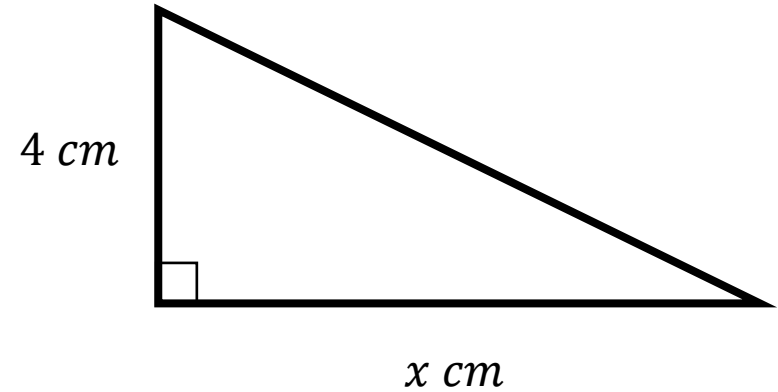
Worked example

The area of the triangle is 4 cm^2 .
Find x



Your turn

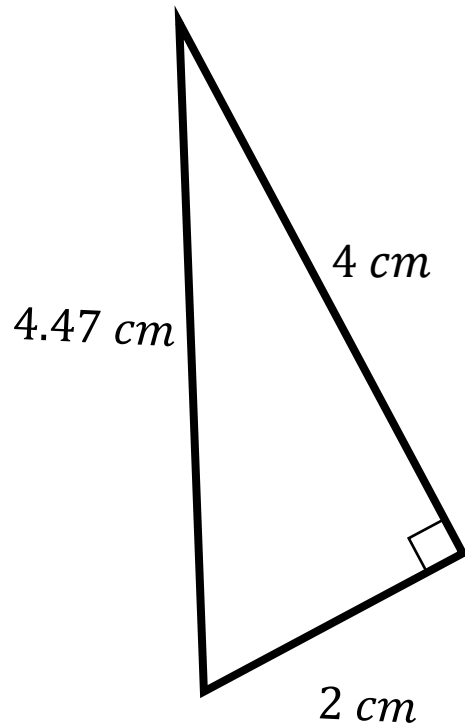
The area of the triangle is 16 cm^2 .
Find x



$$x = 8$$

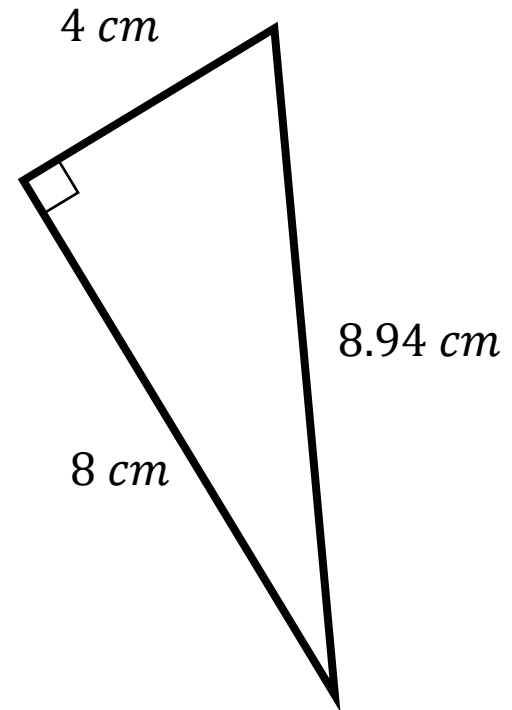
Worked example

Calculate the area of the triangle



Your turn

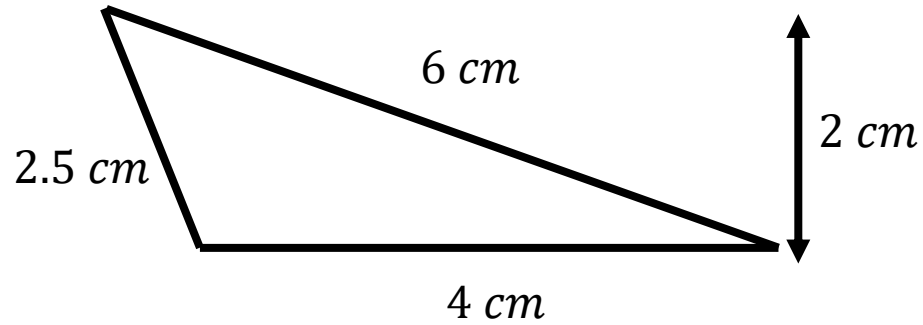
Calculate the area of the triangle



16 cm^2

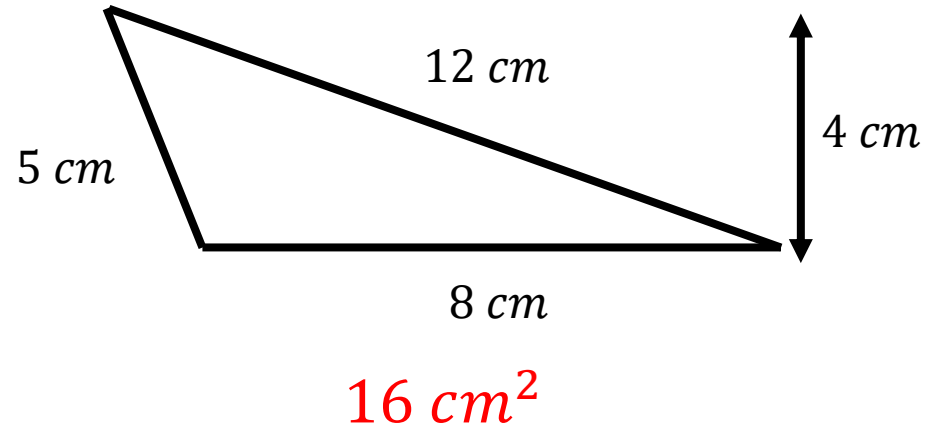
Worked example

Calculate the area of the triangle



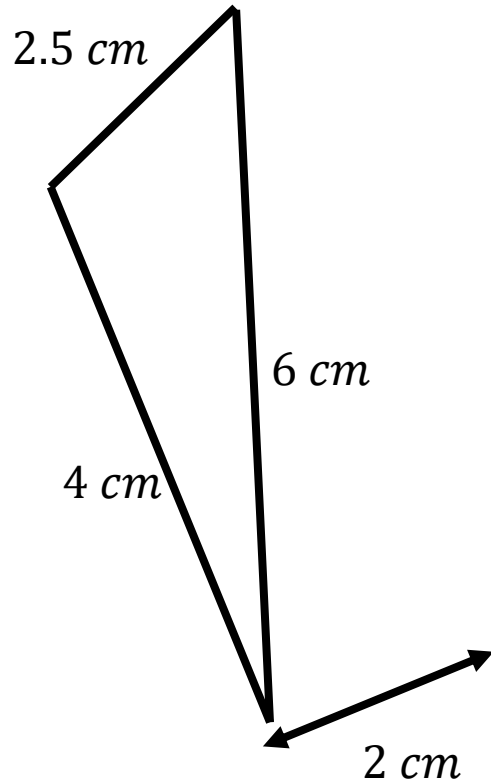
Your turn

Calculate the area of the triangle



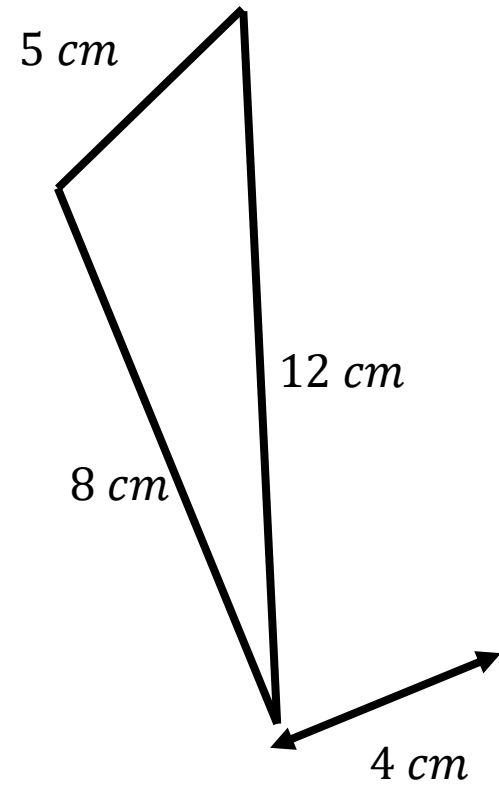
Worked example

Calculate the area of the triangle



Your turn

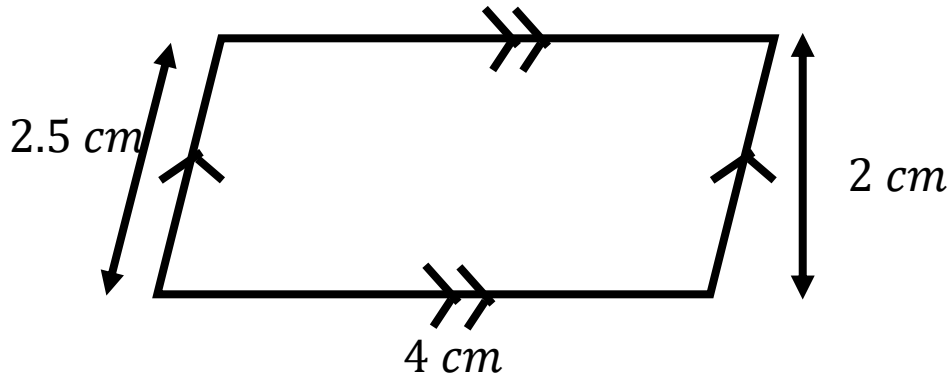
Calculate the area of the triangle



16 cm^2

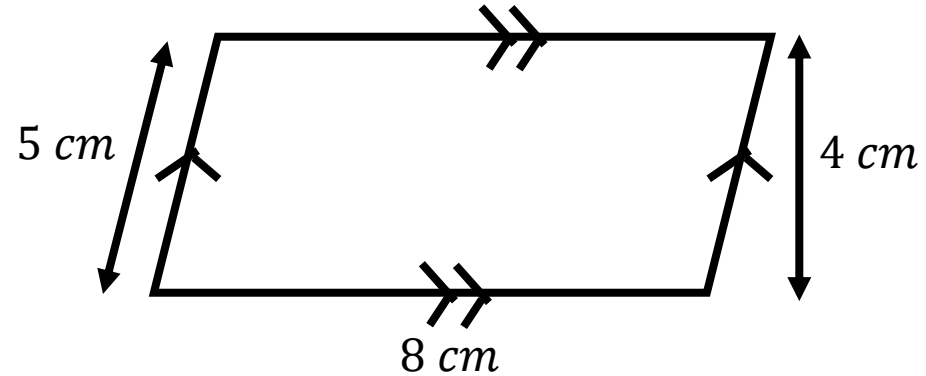
Worked example

Calculate the area of the parallelogram



Your turn

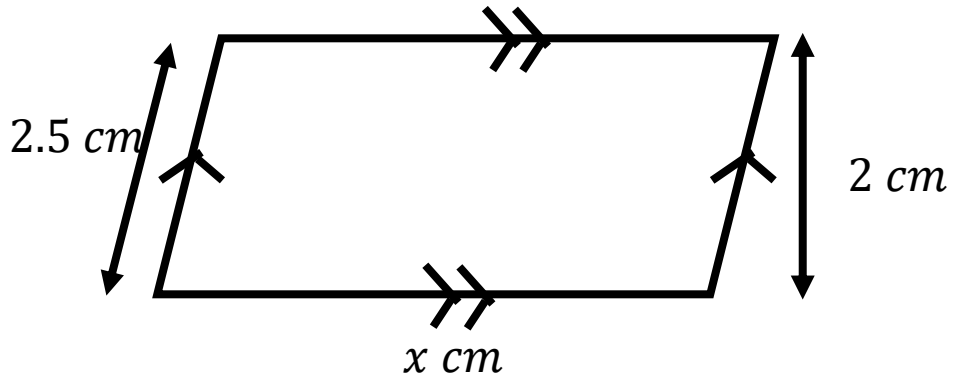
Calculate the area of the parallelogram



32 cm^2

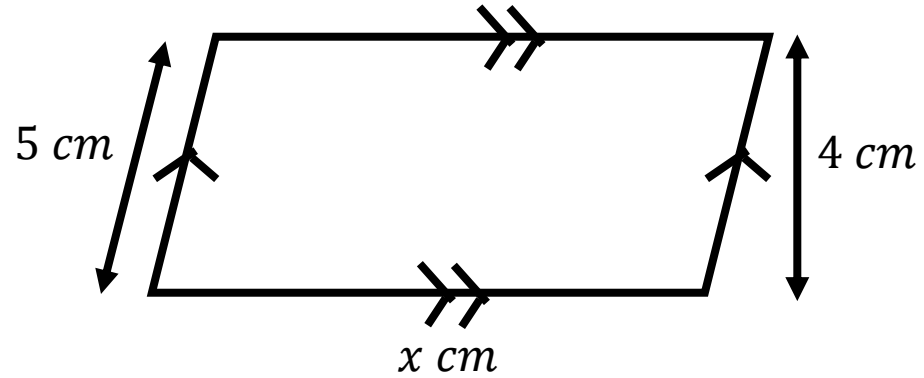
Worked example

The area of the parallelogram is 8 cm^2 . Find x



Your turn

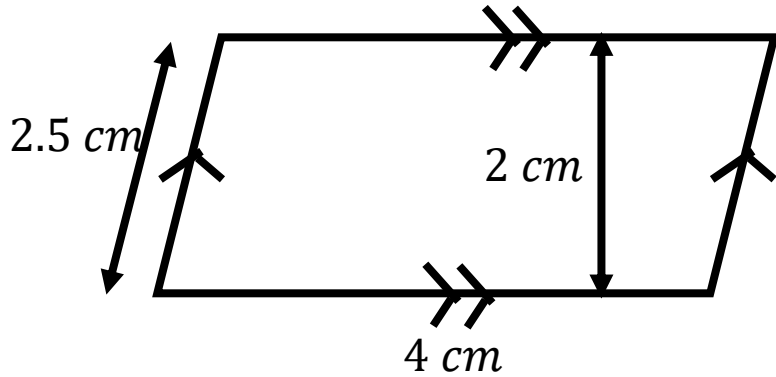
The area of the parallelogram is 32 cm^2 . Find x



$$x = 8$$

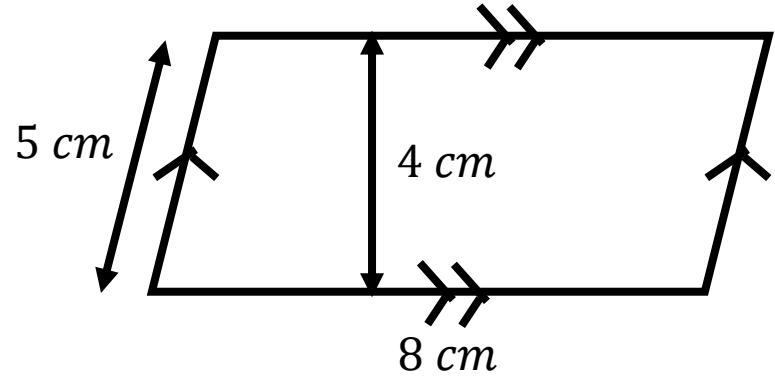
Worked example

Calculate the area of the parallelogram



Your turn

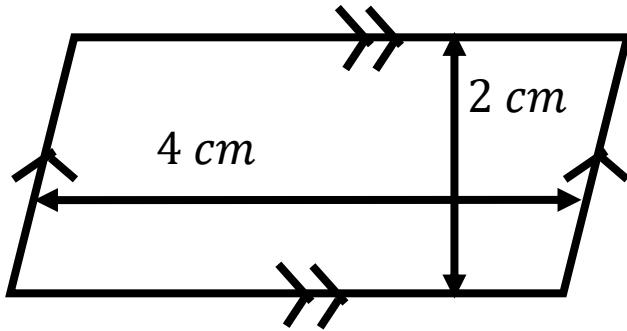
Calculate the area of the parallelogram



32 cm^2

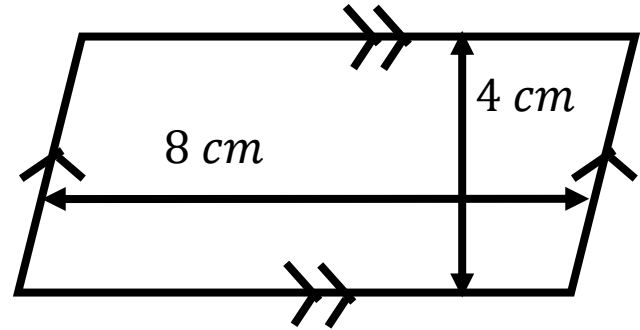
Worked example

Calculate the area of the parallelogram



Your turn

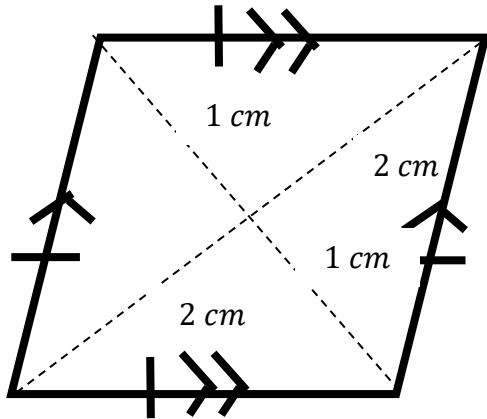
Calculate the area of the parallelogram



32 cm^2

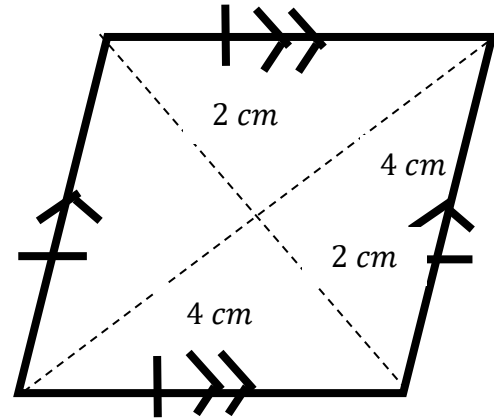
Worked example

Calculate the area of the rhombus



Your turn

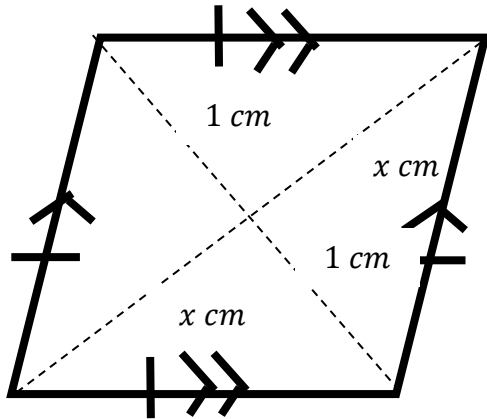
Calculate the area of the rhombus



32 cm^2

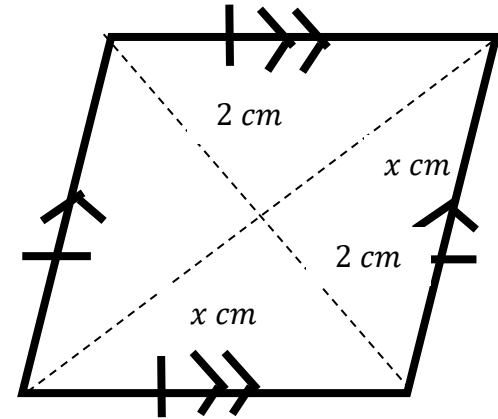
Worked example

Given the area is 8 cm^2 , find x



Your turn

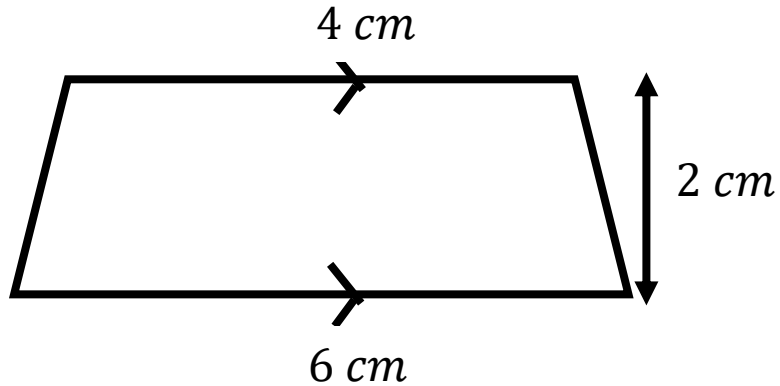
Given the area is 32 cm^2 , find x



$$x = 4$$

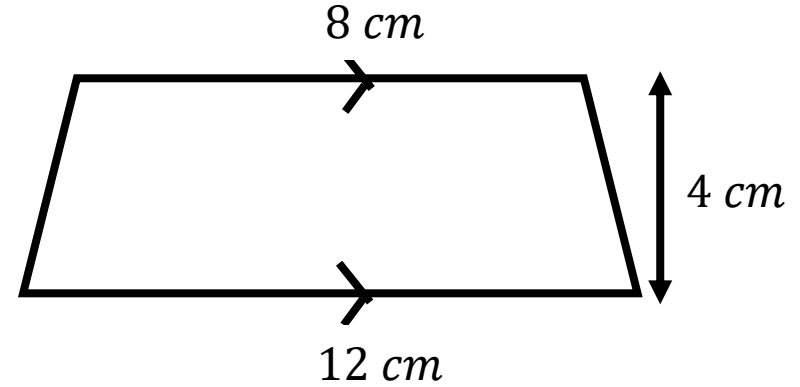
Worked example

Calculate the area of the trapezium



Your turn

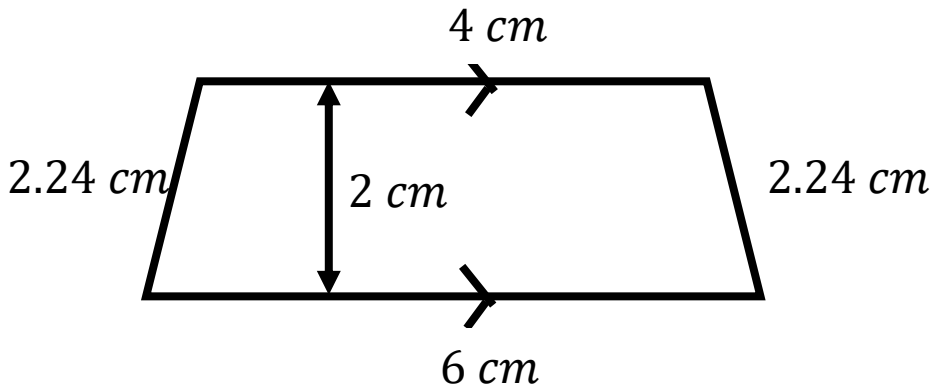
Calculate the area of the trapezium



40 cm^2

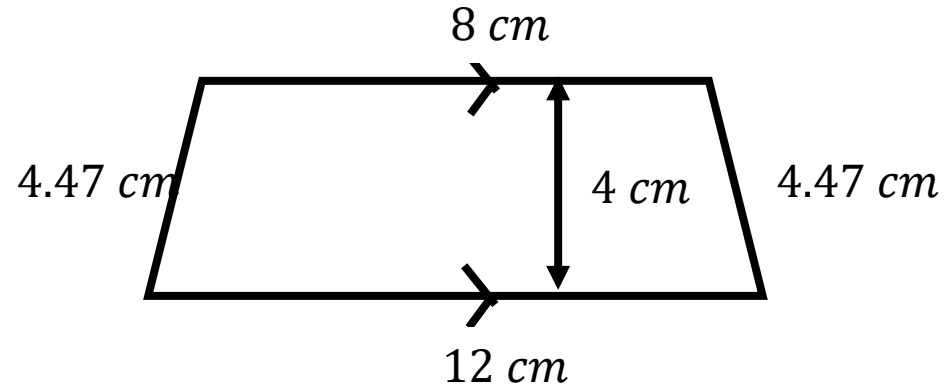
Worked example

Calculate the area of the trapezium



Your turn

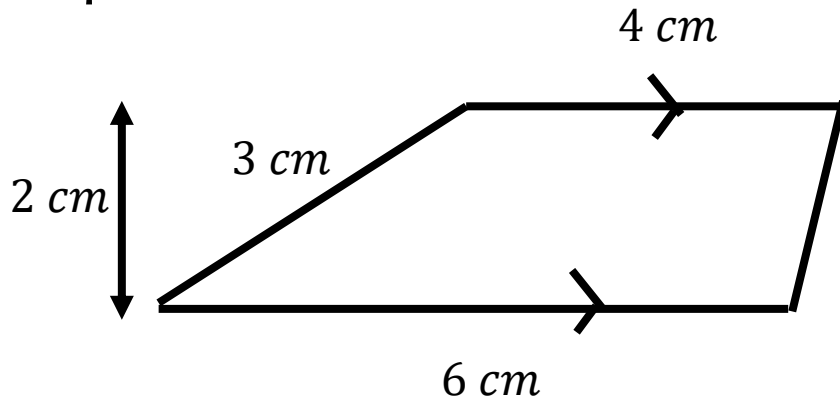
Calculate the area of the trapezium



$$40\text{ cm}^2$$

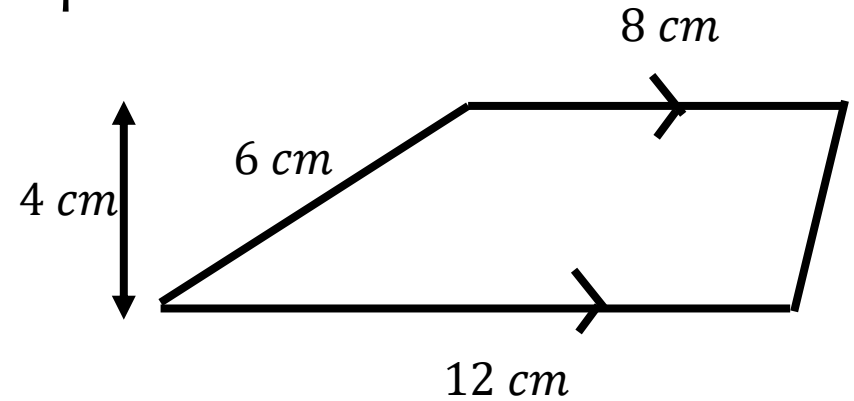
Worked example

Calculate the area of the trapezium



Your turn

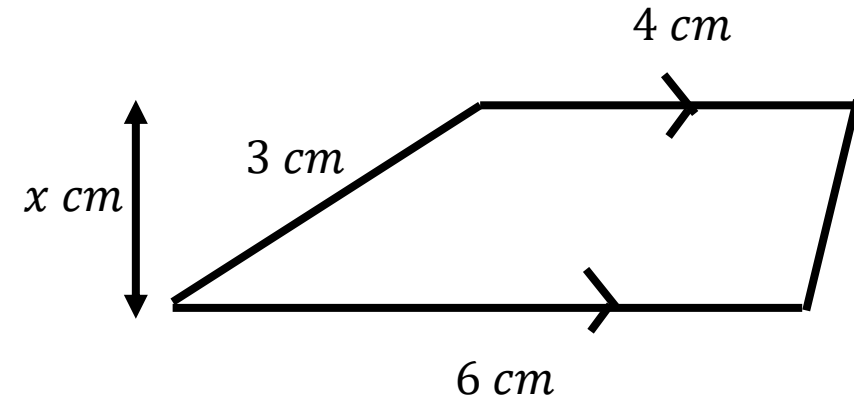
Calculate the area of the trapezium



40 cm^2

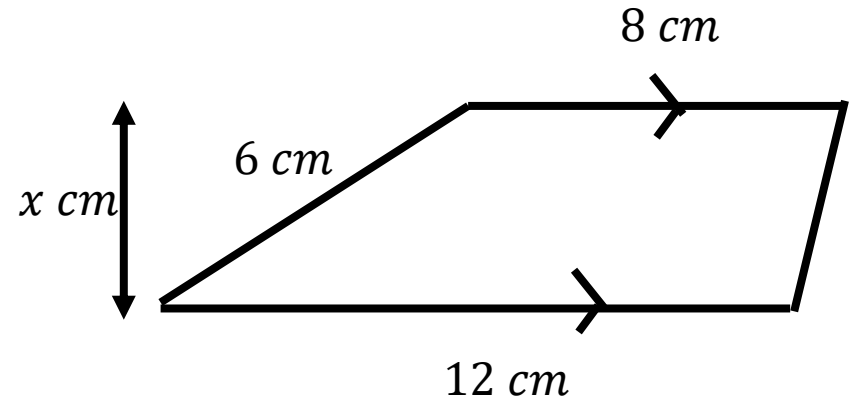
Worked example

The area of the trapezium is 10 cm^2 . Find x



Your turn

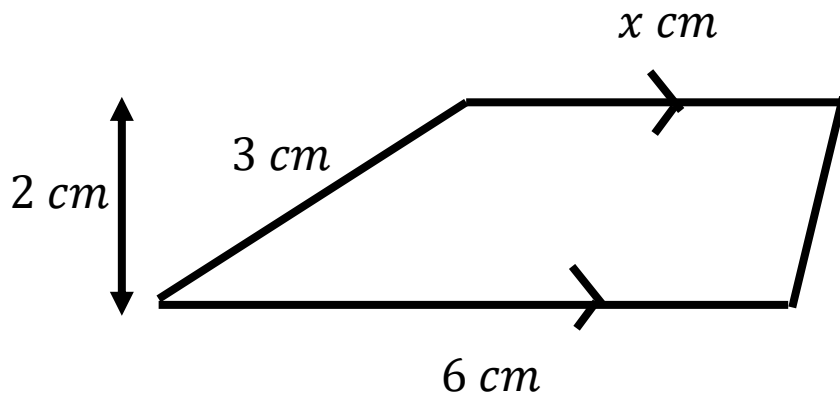
The area of the trapezium is 40 cm^2 . Find x



$$x = 4$$

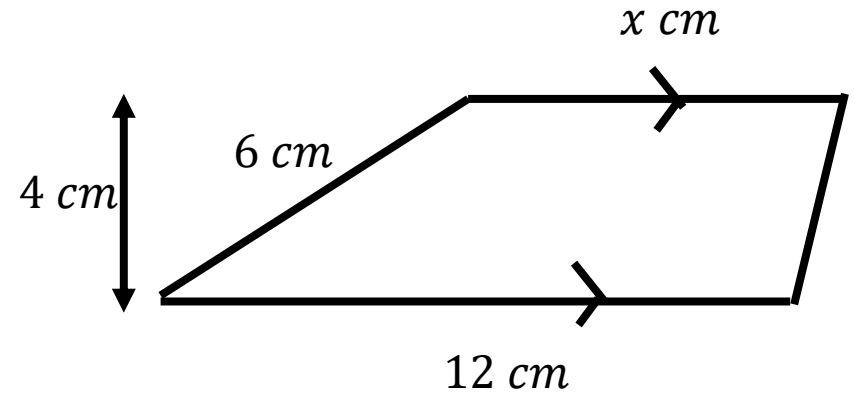
Worked example

The area of the trapezium is 10 cm^2 . Find x



Your turn

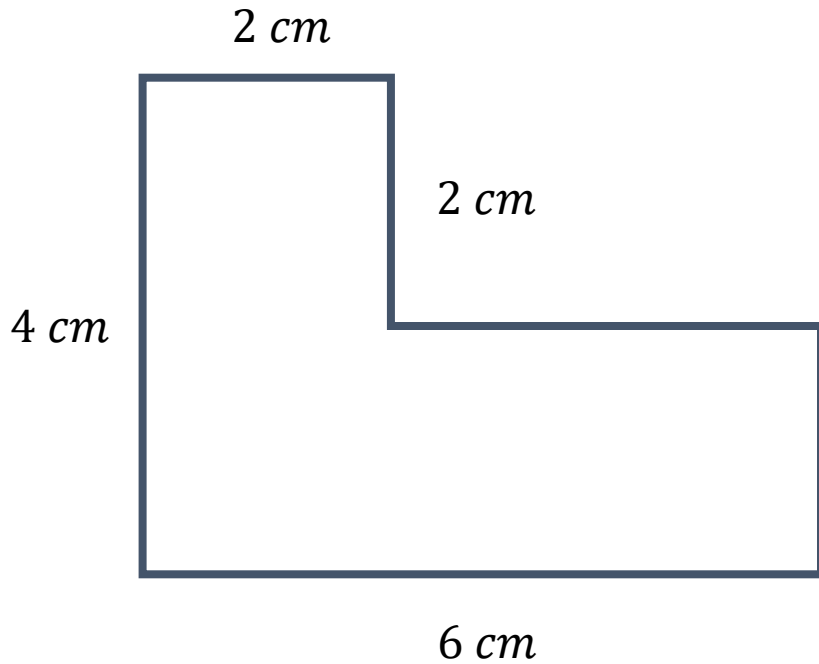
The area of the trapezium is 40 cm^2 . Find x



$$x = 8$$

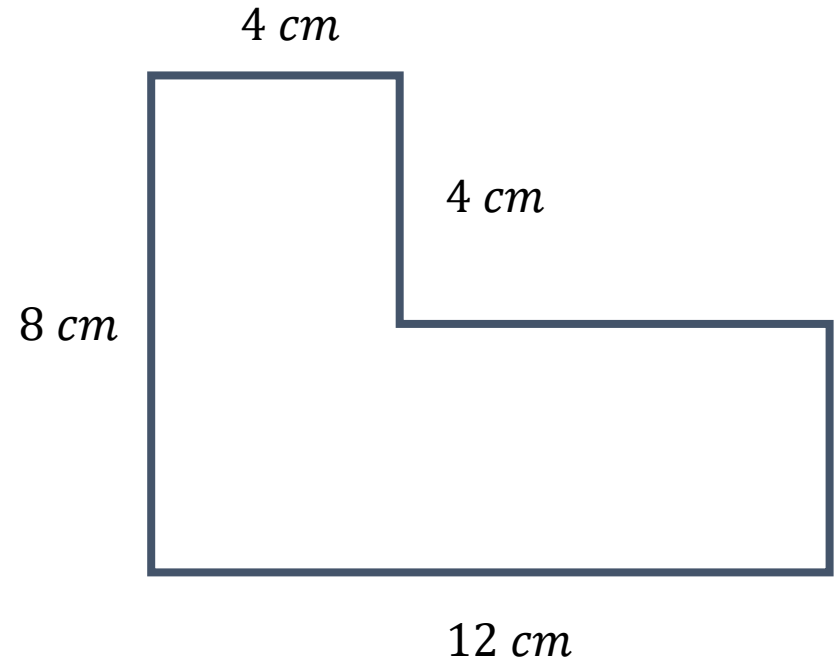
Worked example

Calculate the area of this hexagon



Your turn

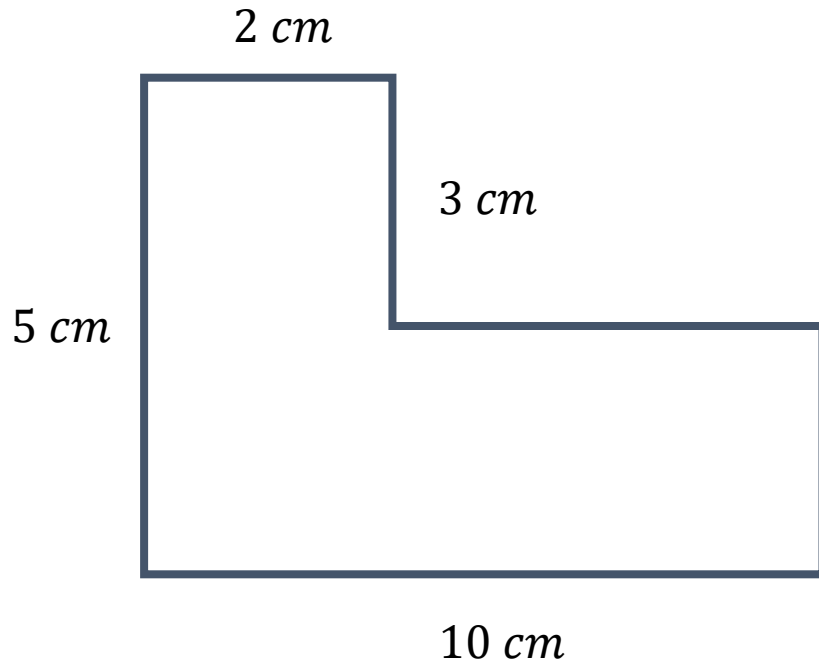
Calculate the area of this hexagon



64 cm^2

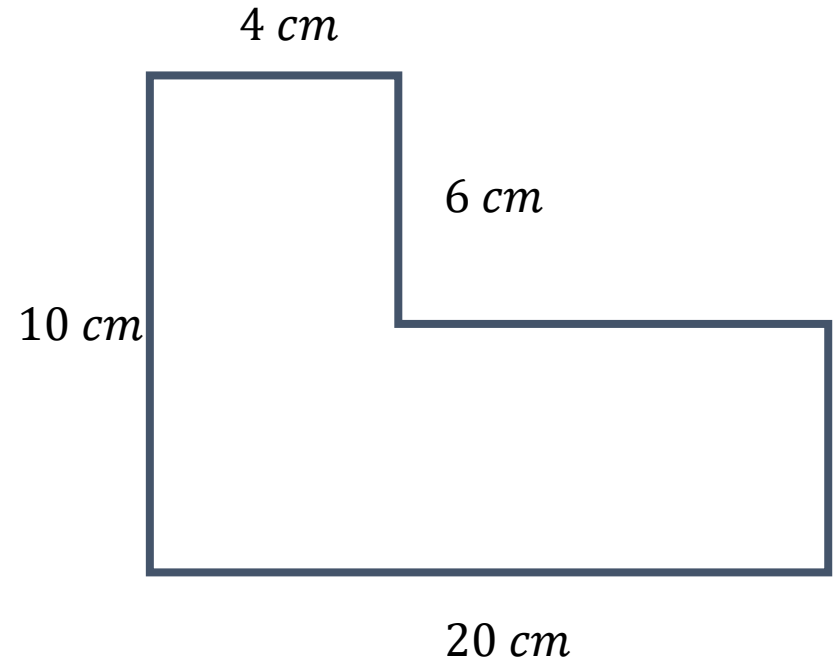
Worked example

Calculate the area of this hexagon



Your turn

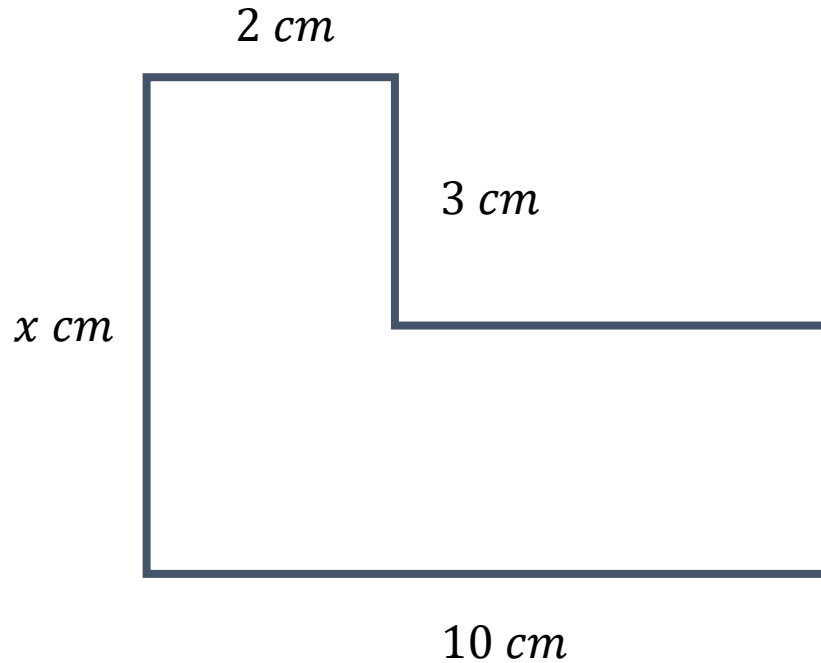
Calculate the area of this hexagon



104 cm^2

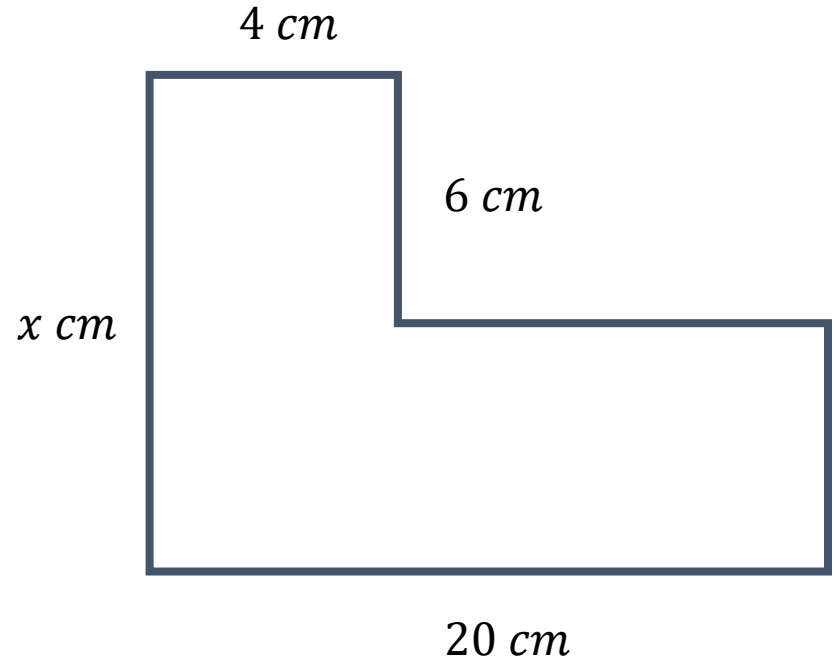
Worked example

The area of this hexagon is 26 cm^2 . Find x



Your turn

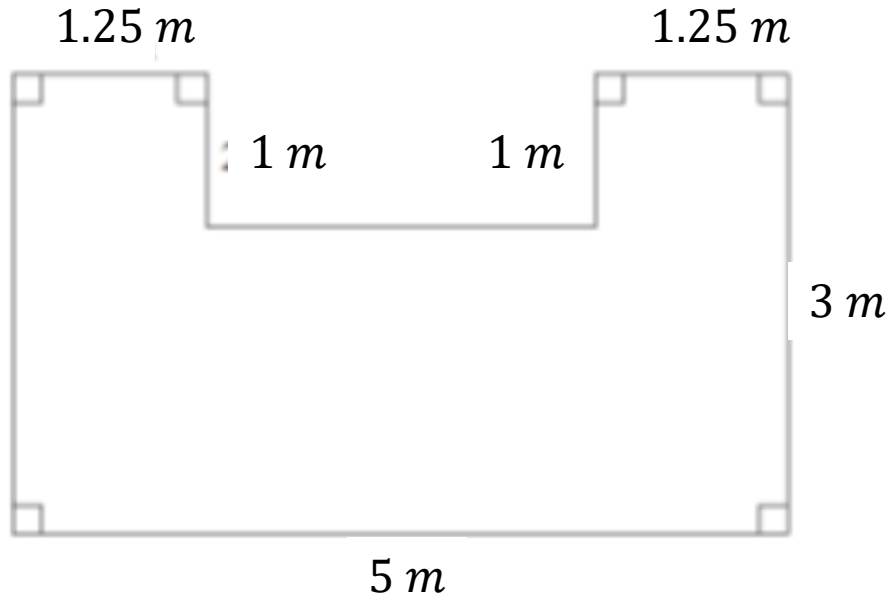
The area of this hexagon is 104 cm^2 . Find x



$$x = 10$$

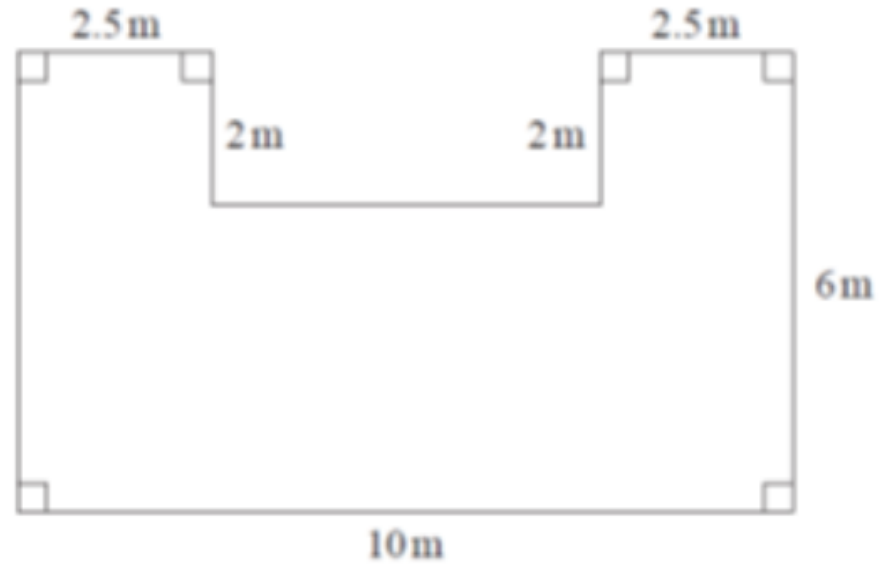
Worked example

Calculate the area:



Your turn

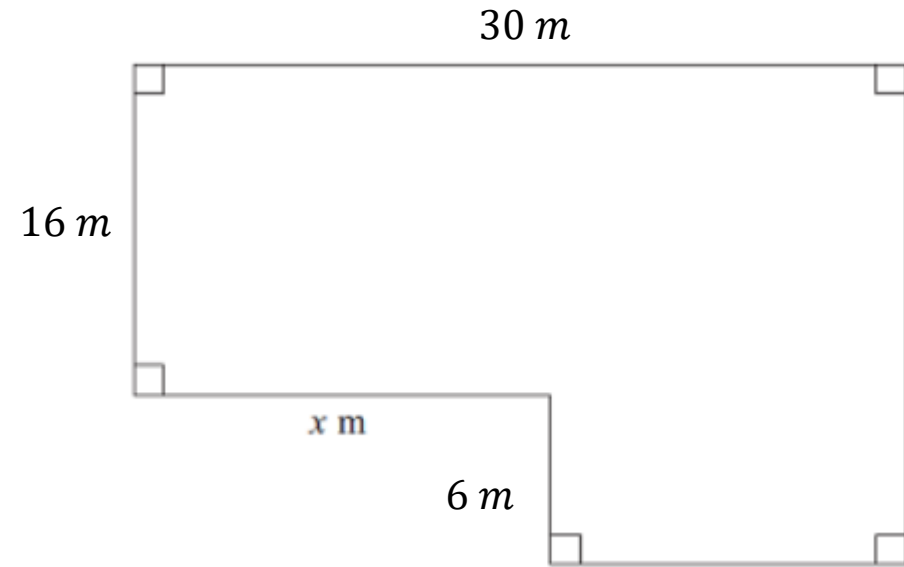
Calculate the area:



50 m^2

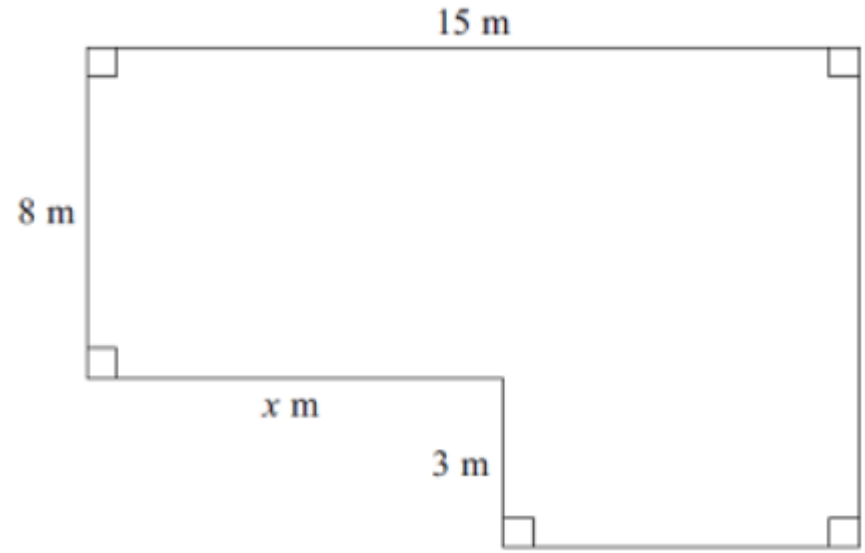
Worked example

The area of the floor is 552 m^2 .
Calculate x



Your turn

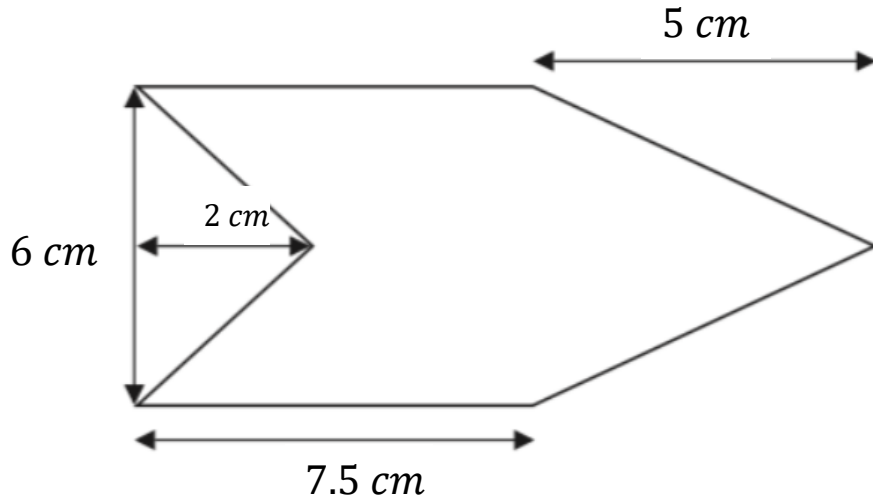
The area of the floor is 138 m^2 .
Calculate x



$$x = 9$$

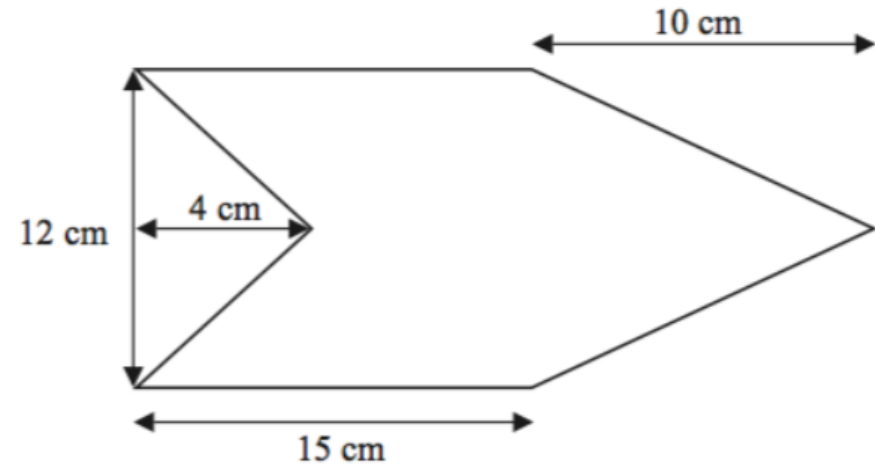
Worked example

Calculate the area of this hexagon. The shape has one line of symmetry.



Your turn

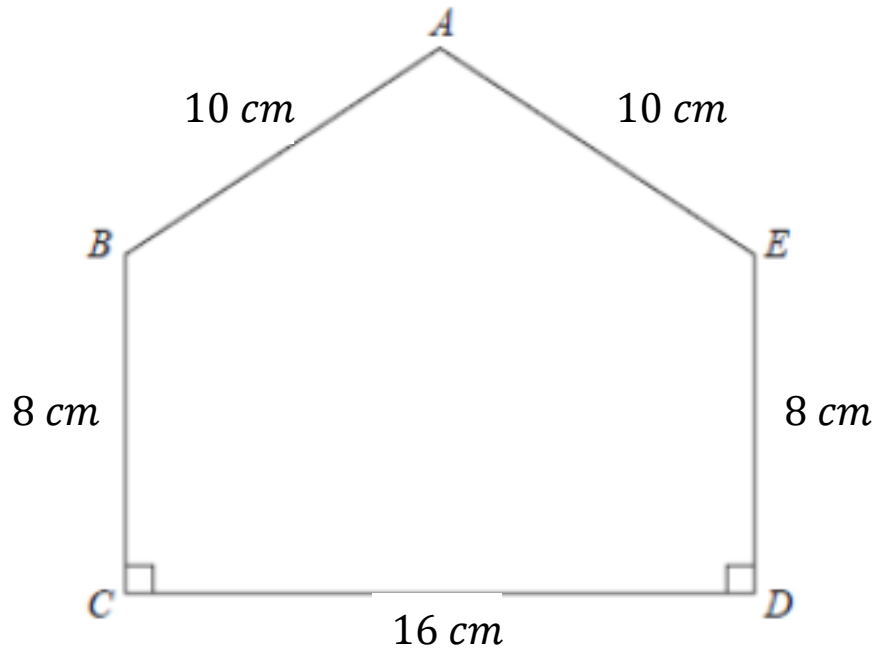
Calculate the area of this hexagon. The shape has one line of symmetry.



$$216\text{ cm}^2$$

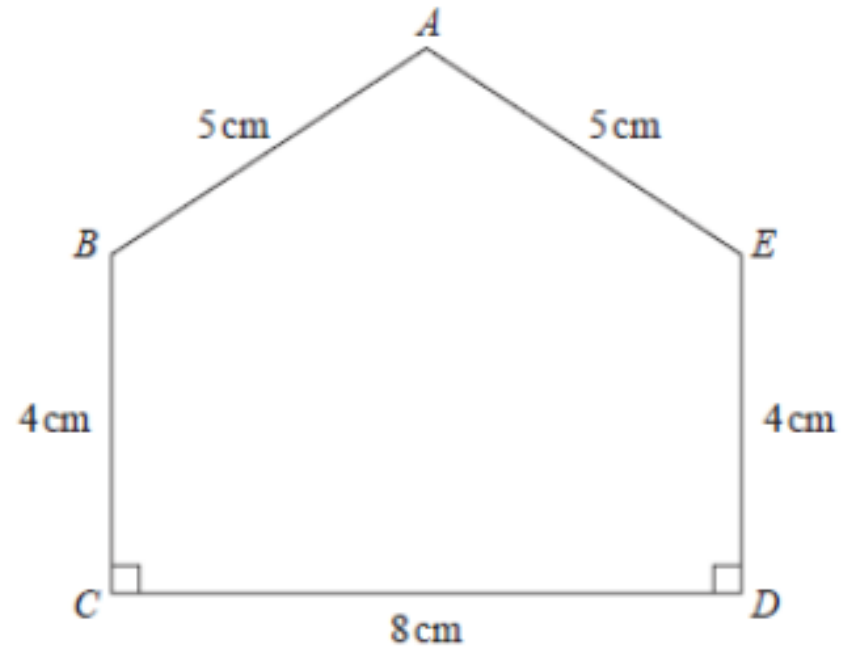
Worked example

Calculate the area of this pentagon.



Your turn

Calculate the area of this pentagon.



$$44\text{ cm}^2$$