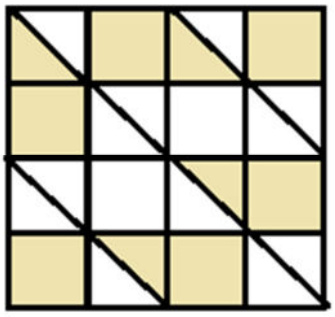
AREA AND PERIMETER

Review and consolidate

1. QUESTION

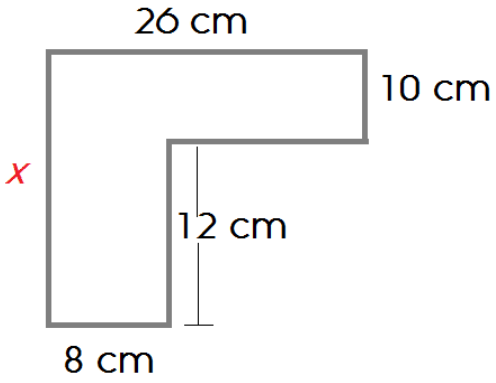
Calculate the area of the shaded part if each square has an area of 1 cm².



Answer:_____

2. QUESTION

Calculate the value of **x**, the perimeter, and area of the shape.



- a) Value of **x** =_____

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b) The perimeter of the shape =_____

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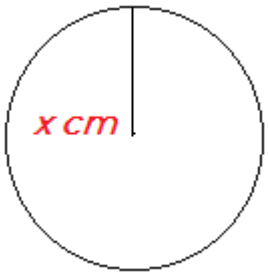
c) Area of the shape =_____

3. QUESTION

a) If the circumference of this circle is 88 cm, what is the length of **x**?

b) Use a calculator to find the area of this circle?

Give your answer to the nearest whole number.



a) Answer = x is _____

b) The area of the circle = π x r^2

A = ☐ x ☐^{2}

A = ☐ x ☐ = ☐ ⇐ **Answer**

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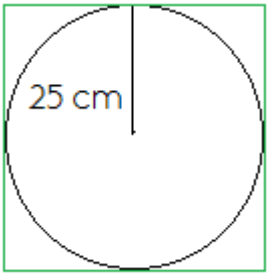
4. QUESTION

Observe the diagram below. Then:



a) Name the four-sided figure.

Answer= _____

b) Calculate the perimeters of the square.

Answer= _____

c) Calculate the circumference of the circle.

Answer= _____

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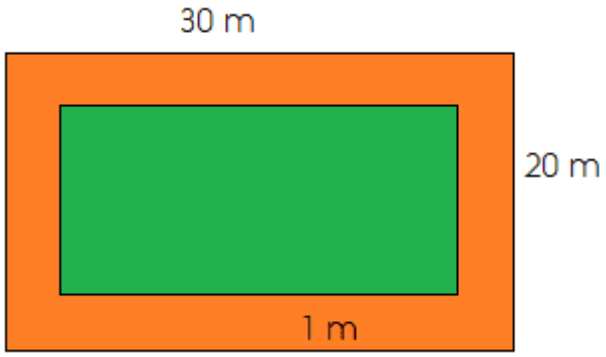
5. QUESTION

Calculate the area of a square which has the perimeter of 48 cm.

Area of square =_____cm²

6. QUESTION

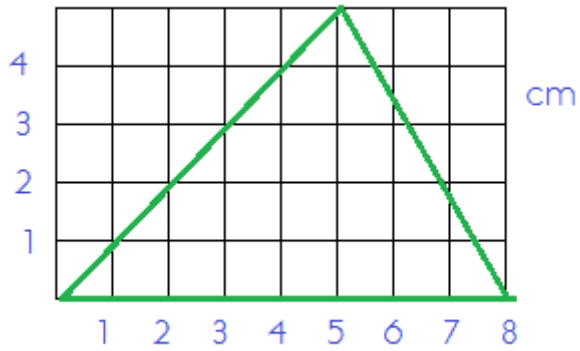
The orange path, 1 m wide, surrounds a garden. Calculate the area of the orange path.



Area = _____

7. QUESTION

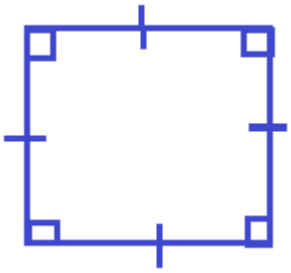
Find the area of triangle outlined below.



Answer: _____ cm²

8. QUESTION

Calculate the perimeter of a figure with area 64 cm².

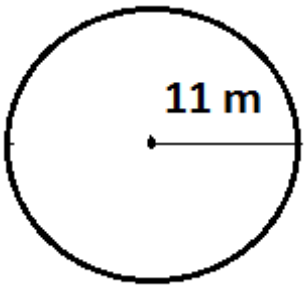


This shape is a _____.

Answer = _____

9. QUESTION

Amos rode his cycle around the circular track 10 times. Calculate the total distance he rode.



Distance he rode is_____.

10. QUESTION

Calculate the number of revolutions a bicycle wheel with a diameter of 28 cm can make over a distance of 1850 cm.

If the circumference of the wheel is _____.

The amount of revolution made in a