

Q1. (2018)

11

A large rectangle is made by joining three identical small rectangles as shown.



Not drawn accurately

The perimeter of one small rectangle is 15 cm

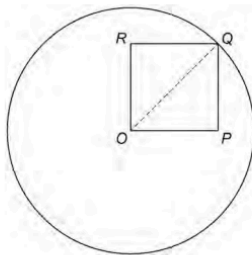
Work out the perimeter of the large rectangle.

[4 marks]

Answer _____ cm

Q2. (2023)

26

A circle, centre O , has circumference 20π cm Q is a point on the circle. $OPQR$ is a **square**.

Not drawn accurately

perimeter of the square : circumference of the circle = $\sqrt{a} : \pi$ where a is an integer.Work out the value of a .You **must** show your working.

[4 marks]

 $a =$ _____