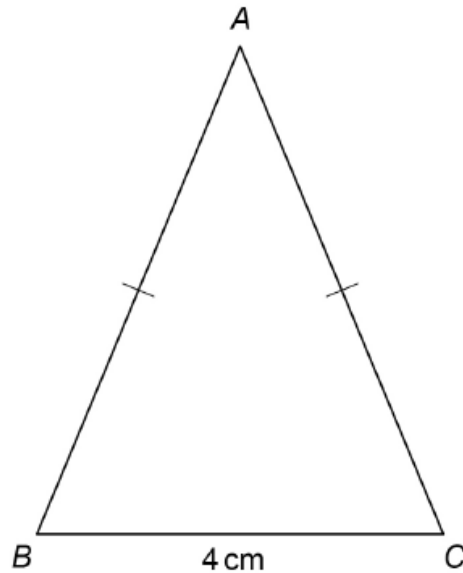


AQA – Mensuration and calculations – GCSE 2022 Mathematics

1. June/2022/Paper_8300/1F/No.4

In this isosceles triangle,

$$AB = AC$$

Not drawn
accurately

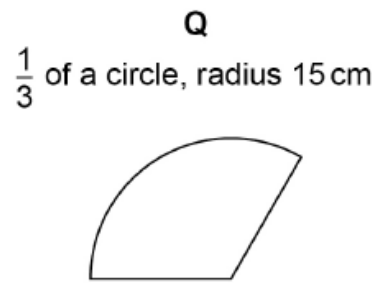
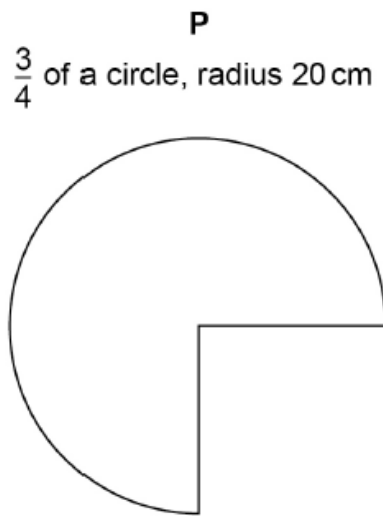
The perimeter of the triangle is 22 cm

Work out the length of AB .**[3 marks]**

Answer _____ cm

2. June/2022/Paper_8300/1F/No.25

Here are two shapes, P and Q.



Not drawn accurately

How many times bigger is the area of P than the area of Q?
You **must** show your working.

[4 marks]

Answer _____

3. June/2022/Paper_8300/1F/No.27

A solid has volume 300 cm^3 and density 2 g/cm^3

Circle the mass of the solid.

[1 mark]

150 g

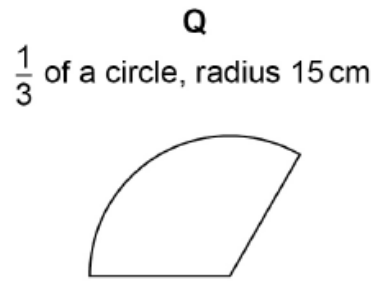
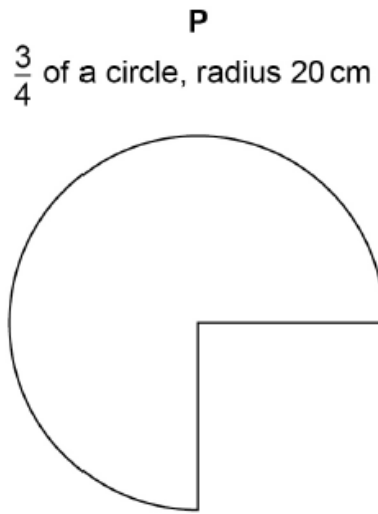
298 g

302 g

600 g

4. June/2022/Paper_8300/1H/No.11

Here are two shapes, P and Q.



Not drawn accurately

How many times bigger is the area of P than the area of Q?
You **must** show your working.

[4 marks]

Answer _____

5. June/2022/Paper_8300/1H/No.15

The cross section of a prism has n sides.

Circle the expression for the number of faces of the prism.

[1 mark]

n

$2n$

$3n$

$n + 2$