Limits of accuracy – 2020 O Level Math D
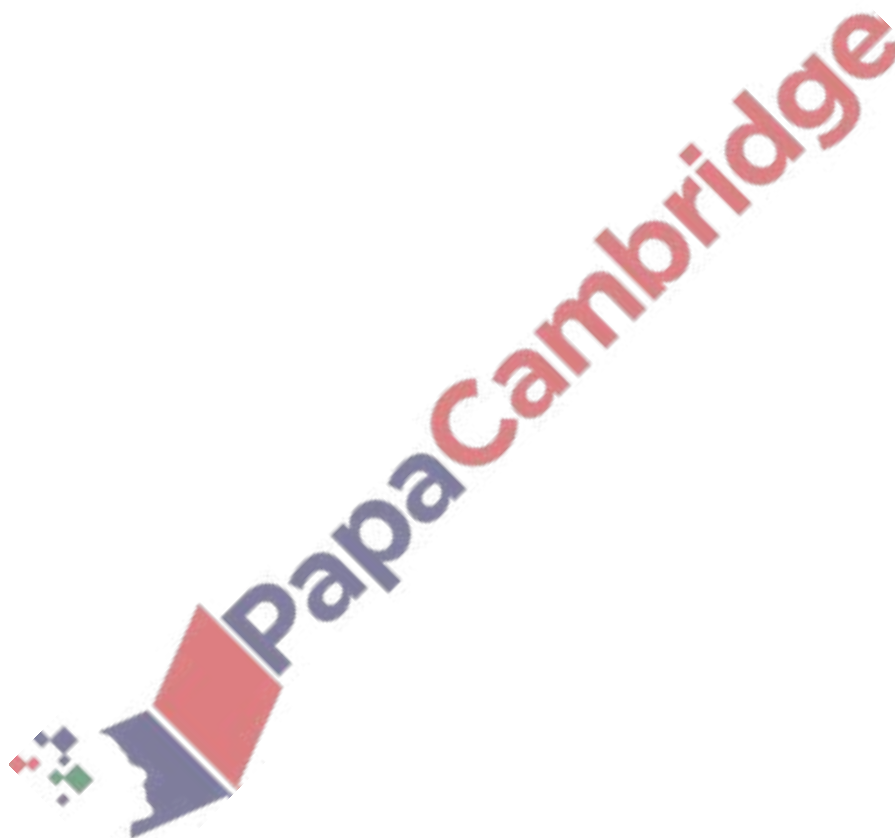
1.

One solution of the equation $\sin m° = 0.63$ is $m = 141$, correct to the nearest whole number.

Find the solution when $0 < m < 90$.
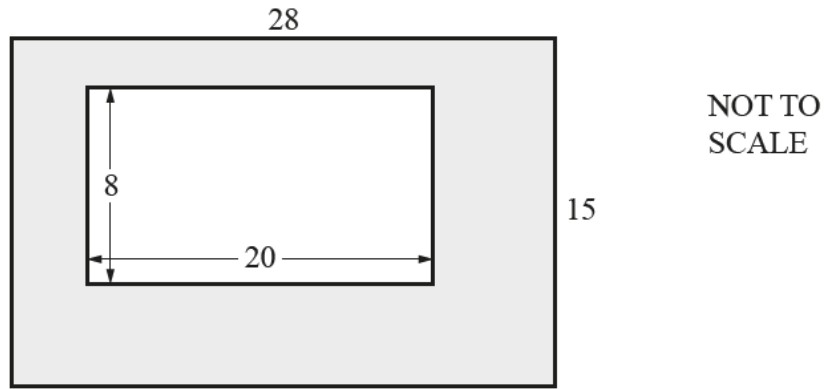Give your answer correct to the nearest whole number.

$m =$ .... [1]
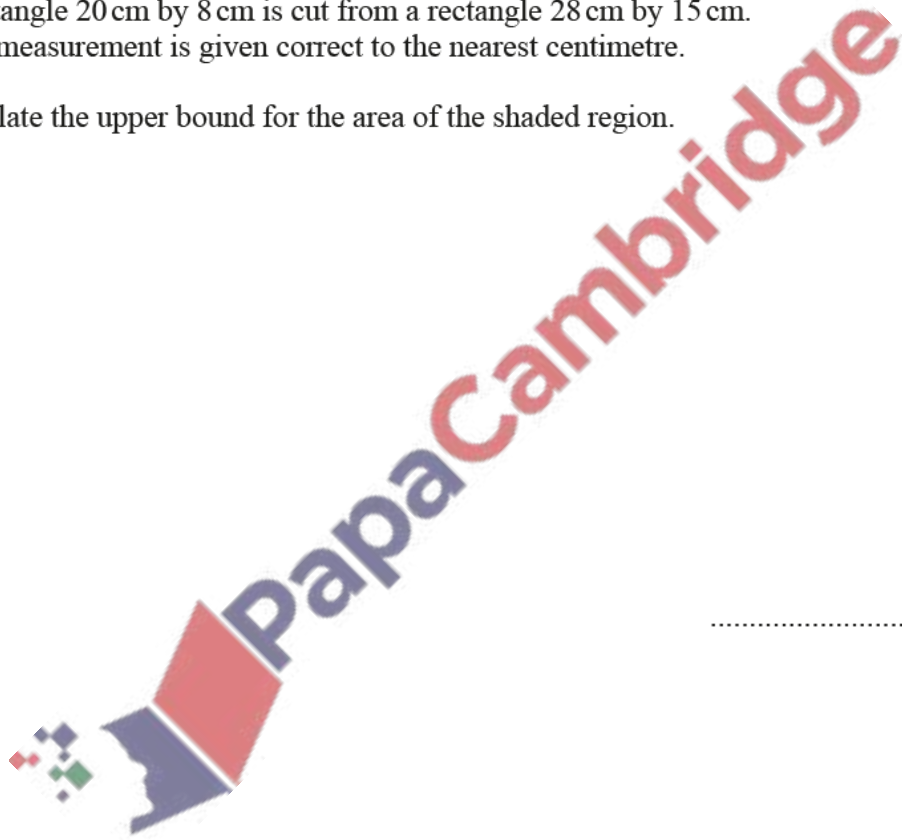
2.

(b)

28

NOT TO
SCALE

8

15

20

A rectangle 20 cm by 8 cm is cut from a rectangle 28 cm by 15 cm.
Each measurement is given correct to the nearest centimetre.

Calculate the upper bound for the area of the shaded region.

.... cm^2 [3]