

21st October



Corbettmaths

Expand fully.

$y(y - 3)(y - 6)$

$$y(y^2 - 9y + 18)$$

$$y^3 - 9y^2 + 18y$$

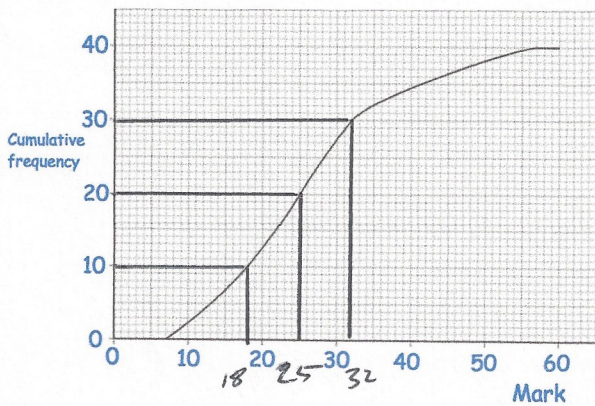
Work out

$$16^{1.5} \times 2^{-4}$$

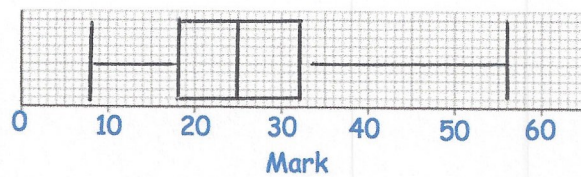
$$16^{\frac{3}{2}} \times 2^{-4}$$

$$64 \times \frac{1}{16}$$

4



Draw a box plot for this data.

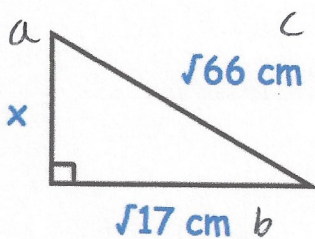


The lowest mark is 8.
The highest mark is 56.

What percentage of students scored more than the upper quartile mark?

25%

Find x



$$x^2 + (\sqrt{17})^2 = (\sqrt{66})^2$$

$$x^2 + 17 = 66$$

$$x^2 = 49$$

$$x = 7 \text{ cm}$$