



Expand fully.

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

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

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

Work out

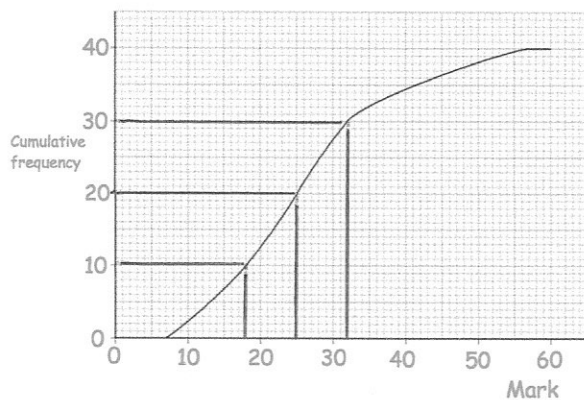
$$25^{0.5} + 3^{-2} \times 0.5^{-3}$$

$\sqrt{25}$ $\frac{1}{3^2}$ $(\frac{1}{2})^{-3}$
 $2^3 = 8$

$$5 + \frac{1}{9} \times 8$$

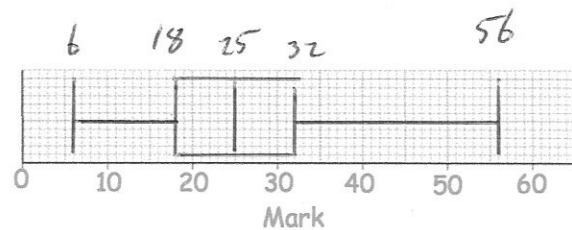
$$5 + \frac{8}{9}$$

$$5\frac{8}{9}$$



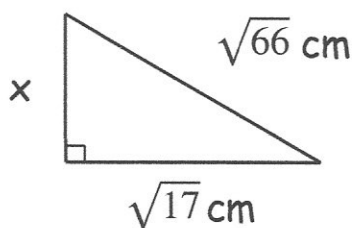
The lowest mark is 8.
The highest mark is 56.

Draw a box plot for this data.



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

$$25\%$$

Find x 

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

$$x^2 + 17 = 66$$

$$x^2 = 49$$

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