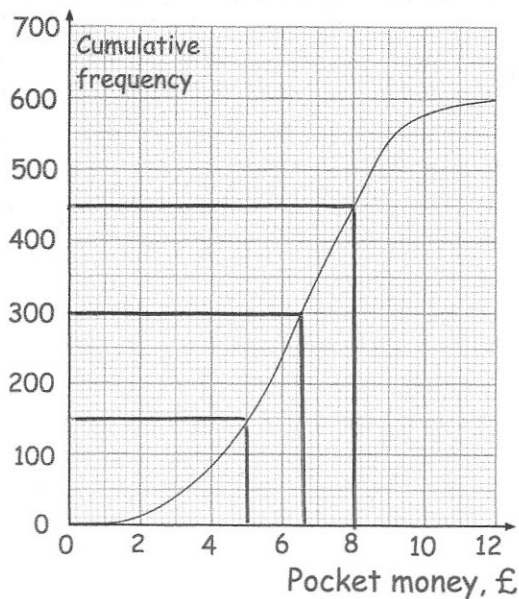




The cumulative frequency curve shows information about pocket money received.

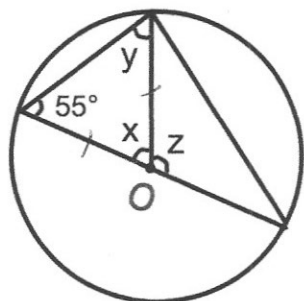


Find an estimate of the median

$$£ 6.50$$

Find an estimate of the interquartile range.

$$£ 8 - £ 5 = £ 3$$



Find x, y and z

$$y = 55^\circ$$

$$x = 70^\circ$$

$$z = 110^\circ$$

M is directly proportional to the square of A.

When  $M = 200$ ,  $A = 2$ .

Find M when  $A = 4$ .

$$M \propto A^2$$

$$M = kA^2$$

$$200 = k \times 4$$

$$k = 50$$

$$M = 50A^2$$

$$M = 50 \times 4^2$$

$$M = 800$$

Simplify

$$\frac{a^{\frac{1}{5}} \times a^{\frac{2}{3}}}{a^{\frac{3}{5}}}$$

$$\frac{1}{5} + \frac{2}{3} = \frac{3}{15} + \frac{10}{15}$$

$$\frac{13}{15}$$

$$\frac{13}{15} - \frac{3}{5}$$

$$\frac{13}{15} - \frac{9}{15}$$

$$a^{\frac{4}{15}}$$