

27th January



Corbettmaths

Write  $1.\dot{2}4$  as a mixed number.  
Give your answer in its simplest form.

Write in the form  $a\sqrt{2}$

$$\sqrt{72} + \sqrt{3} \times \sqrt{6}$$

Mass (m kg)	Frequency
$40 < m \leq 45$	64
$45 < m \leq 50$	74
$50 < m \leq 55$	155
$55 < m \leq 60$	80
$60 < m \leq 65$	26
$65 < m \leq 70$	1

Calculate an estimate of the interquartile range.

Shown is the graph of the function  $y = f(x)$

Sketch

(a)  $-f(x)$

(b)  $f(x + p)$  where  $0 < p < 1$

