

22nd February



Corbettmaths

Write 0.0282828... as a simplified fraction

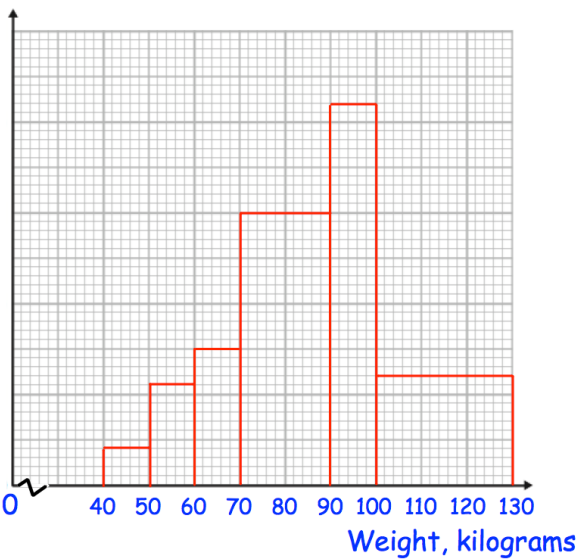
$$\frac{10 - \sqrt{32}}{\sqrt{2}} = a + b\sqrt{2}$$

where a and b are integers.

Find the values of a and b.

Solve the inequality

$$x^2 + 2x - 35 > 0$$



Shown are the weights of some athletes

Work out an estimate of the median

Work out an estimate of the lower quartile