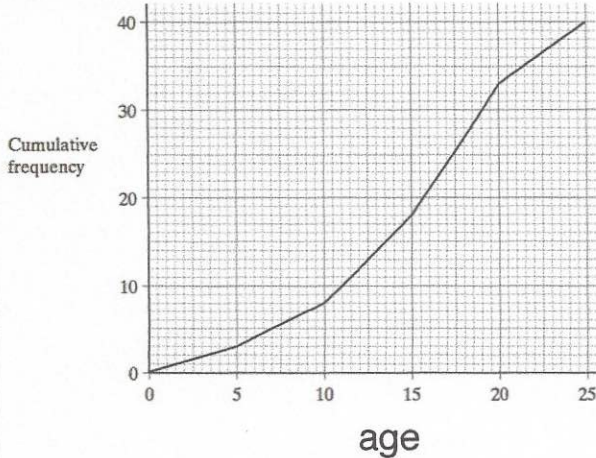


3rd February



What is the median age? Corbettmaths

15.5 years

What is the interquartile range?

UQ = 19 years

LQ = 11 years

IQR = 8 years

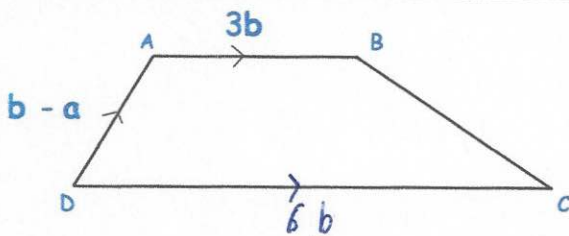
Write 0.89999999... as a fraction

$$\begin{aligned} x &= 0.89999\dots \\ 10x &= 8.999\dots \\ 100x &= 89.999\dots \end{aligned}$$

$$\begin{aligned} 90x &= 81 \\ x &= \frac{81}{90} = \frac{9}{10} \end{aligned}$$

Factorise $2y^2 + 7y - 15$

$$(2y - 3)(y + 5)$$



AB and DC are parallel.
DC = 2AB

Write down a vector for \overrightarrow{BC}

$$\begin{aligned} &-3\underline{b} - (\underline{b} - \underline{a}) + 6\underline{b} \\ &-3\underline{b} - \underline{b} + \underline{a} + 6\underline{b} \\ &2\underline{b} + \underline{a} \end{aligned}$$