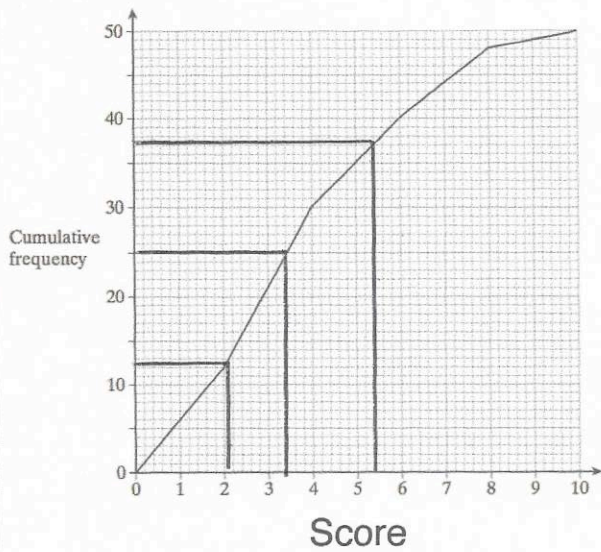


8th February



Corbettmaths



Shown are the scores of 50 students.

Work out an estimate of the median

$$3.4$$

Work out an estimate of the interquartile range.

$$5.4 - 2.1 = 3.3$$

The equation of a straight line is

$$y = 5x + 2$$

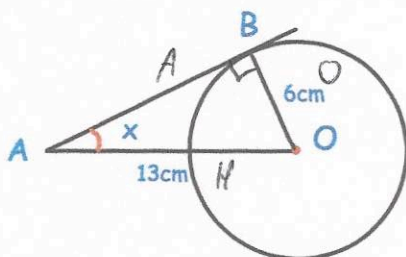
Write down the gradient of the line.

$$5$$

Another line is perpendicular to the line above.

What is the gradient of the perpendicular line?

$$-\frac{1}{5}$$



AB is a tangent.  
Find x.

$$\sin x = \frac{6}{13}$$

$$\sin^{-1} \frac{6}{13}$$

$$27.4864^\circ$$