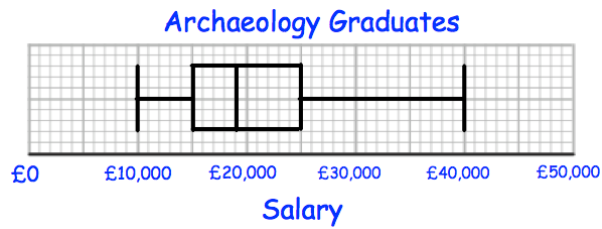
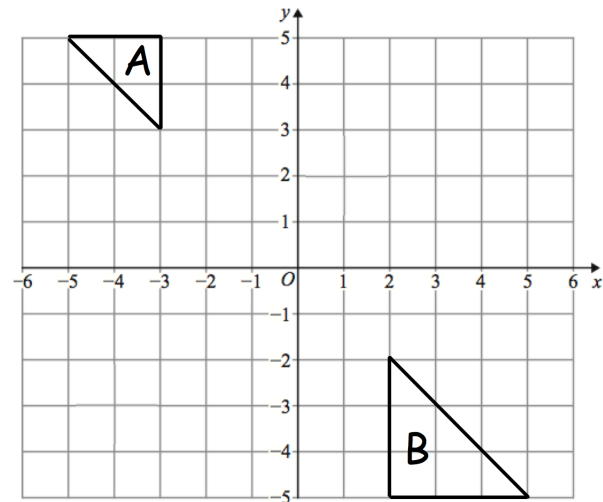


A rectangle is drawn inside of a circle with centre O. The rectangle is 4cm by 3cm. Find the shaded area.



Write down the value of the interquartile range

Describe fully the single transformation that maps shape A onto shape B.



a is 60% more than b

$$5c = 2b$$

Find the ratio a : b : c

Florence has these letter tiles.

M A T H E M A T I C S

She picks two tiles at random without replacement.

Calculate the probability that she picks two letter M's.