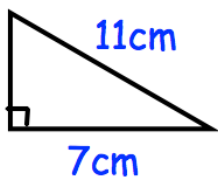




A bag contains red, yellow and blue beads.
The ratio of red beads to yellow beads is 2:3
The ratio of yellow beads to blue beads is 5:4

Work out what fraction of the beads are red.

The triangle below is enlarged by scale factor 3.



Find the area of the enlarged triangle.

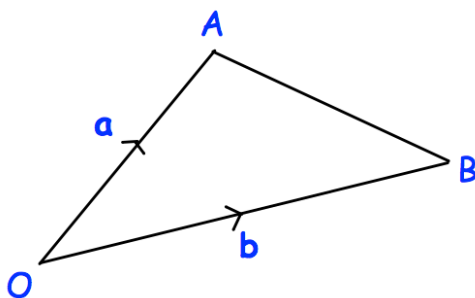
Solve the simultaneous equations

$$2x - y = 7$$

$$3x + 5y = 4$$

Height, h, cm	Frequency
$110 \leq h < 120$	3
$120 \leq h < 130$	8
$130 \leq h < 140$	9
$140 \leq h < 150$	23
$150 \leq h < 160$	7

Work out the estimated mean



Write the vector \overrightarrow{AB} in terms of **a** and **b**