



Three angles in a pentagon are  $110^\circ$  each.

With the two other angles are in the ratio 2:5

Find the size of these two angles.

Make  $c$  the subject

$$w = \frac{4 + c}{8}$$

Work out

$$1\frac{3}{8} + 2\frac{1}{6}$$

Solve  $x^2 + x - 12 = 0$

$$\mathbf{a} = \begin{pmatrix} -5 \\ 8 \end{pmatrix} \quad \mathbf{b} = \begin{pmatrix} q \\ 1 \end{pmatrix}$$

$$\text{Given } 2\mathbf{a} + \mathbf{b} = \begin{pmatrix} 1 \\ 17 \end{pmatrix}$$

Work out the value of  $q$