

7th June



Corbettmaths

Expand and simplify

$$3(x - 4) - 2(7 - 9x)$$

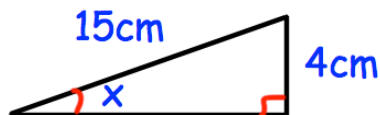
Write down the exact value of

$$\sin(60)$$

Write down the exact value of

$$\tan(45)$$

$$a = \begin{pmatrix} 0 \\ -4 \end{pmatrix} \quad b = \begin{pmatrix} 1 \\ 2 \end{pmatrix}$$

Work out $4a + b$ Find x

Factorise fully

$$5ac - 10a^2b + 30a$$