



Factorise

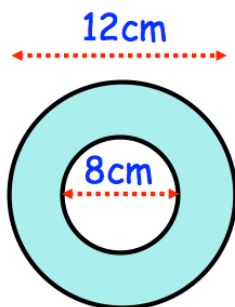
$$m^2 - 2m - 63$$

Factorise

$$m^2 - 81$$

Write 3958234 correct to one significant figure.

Write 0.05491 correct to two significant figures.



Find the area of the shaded shape.

$$\mathbf{a} = \begin{pmatrix} 5 \\ -2 \end{pmatrix} \quad \mathbf{b} = \begin{pmatrix} -8 \\ 2 \end{pmatrix}$$

Work out $\mathbf{b} + 3\mathbf{a}$ Work out the length of the side labelled y .