

**15th August**

Corbettmaths

Solve the simultaneous equations

$$6x + 4y = 3$$

$$2x - 3y = 14$$

Work out, giving your answer in standard form

$$(8.2 \times 10^6) - (3.51 \times 10^5)$$

Write as a fraction.

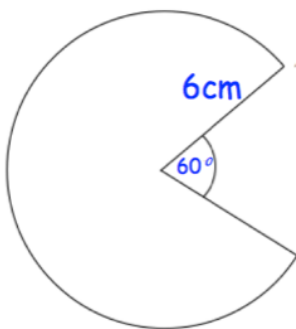
$$5^{-3}$$

Evaluate

$$25^0$$

Simplify fully

$$\frac{4x^2 - 25}{6x^2 - 11x - 10}$$



Calculate the perimeter of the sector.