



Solve

$$\frac{5x + 2}{x - 3} + 5 = 6$$

Factorise

$$9y^2 - 49w^2$$

A sector has side length 4cm.

The area of the sector is  $10\text{cm}^2$

What is the size of the angle which describes the sector?

Work out

$$625^{\frac{3}{4}}$$

Simplify  $(2x^4y)^3$