



$$f(x) = \frac{3}{x^2 - 1}$$

Given

$$f(x) = 5$$

find the possible values of x

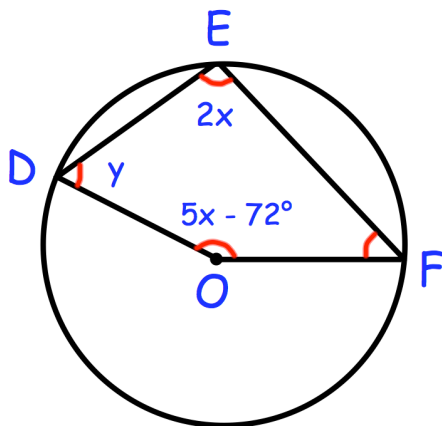
Expand and simplify

$$(x + 1)(x - 2)(2x - 5)$$

The line l_1 has equation $y = 4x + 9$
The line l_2 has equation $5x + 4y - 9 = 0$

Find the gradient of line l_2

Find the coordinates of the point of intersection of l_1 and l_2



Angle $DEF = 2x$

Angle $DOF = 5x - 72^\circ$

Angle $EDO = y$

Angle EFO is 14° smaller than angle DEF

Work out the value of y