

25th April

Corbettmaths

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

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 point of intersection of l_1 and l_2

Shown is a sketch of the graph
 $y = f(x)$.

- (a) Sketch $f(-x)$
 (b) Sketch $f(x + 2)$

Label known coordinates

