

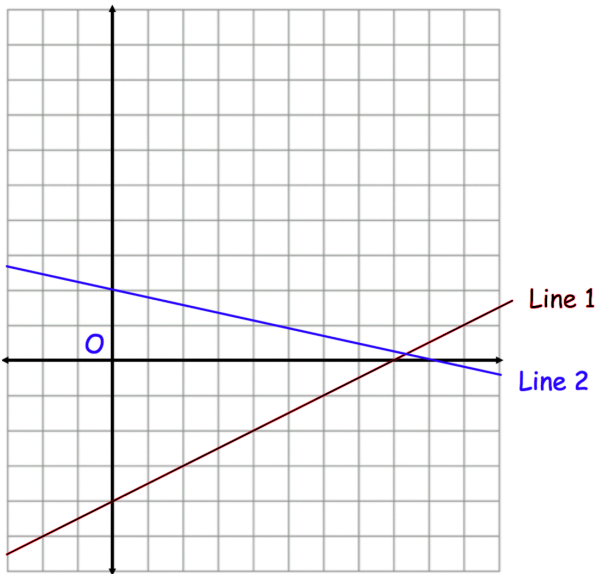


Simplify fully

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

Find the value of x

$$2^x \times 4^{x+3} = 16$$



Find the equation of Line 2

Are the lines perpendicular?

Line 1 has equation $y = \frac{3}{2}x - 24$

A triangle has sides of 8cm, 9cm and 13cm.

Calculate the difference between the smallest and largest angles.