



$$W = \frac{a^3}{4c}$$

$a = 15.4$ correct to 1 decimal place
 $c = 20$ correct to 2 significant figures.

Find the upper bound for W

Write as a single fraction

$$\frac{1-x}{x+7} - \frac{4}{x-2}$$

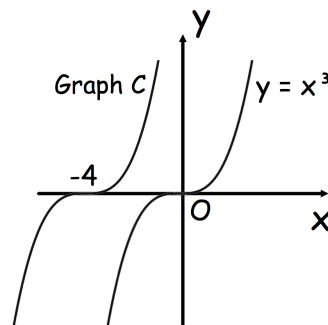
Given

$$x^2 : (10x + 48) = 1 : 3$$

Find the possible values of x

Shown is the graph of $y = x^3$ and of graph C.

Write down the equation of Graph C



$(3, -4)$ is a point on the graph with equation $y = (x + 7)^2 + a$

Find the coordinates of the turning point.