## (a)

## (b)

(e)

## (c)

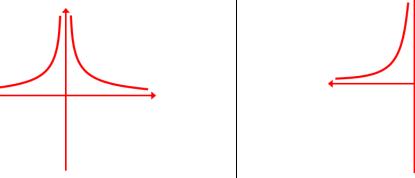
Sketch the graph of  $y = \frac{1}{x^2}$  stating the equations of any asymptotes.

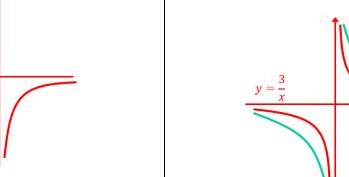
Sketch the graph of  $y = -\frac{2}{x}$  stating the equations of any asymptotes.

**Sketching Reciprocal Graphs** 



On the same axes, sketch the graphs of  $y = \frac{3}{x}$  and  $y = \frac{9}{x}$ 





Asymptotes x = 0 and y = 0

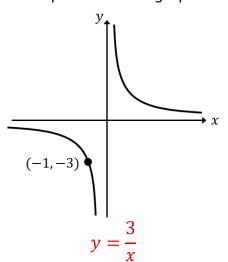
Asymptotes x = 0 and y = 0

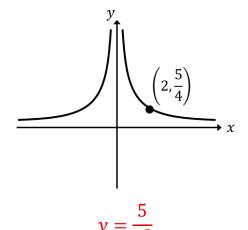
(d)

(f)

Find the equation of the graph shown.

Find the equation of the graph shown.





Find the equation of the graph shown.