

## Sketching Reciprocal Graphs

**(a)**

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

**(b)**

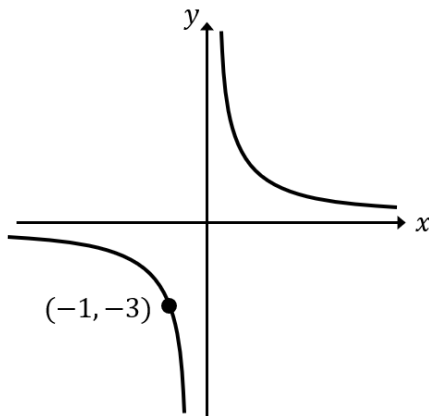
Sketch the graph of  $y = -\frac{2}{x}$  stating the equations of any asymptotes.

**(c)**

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

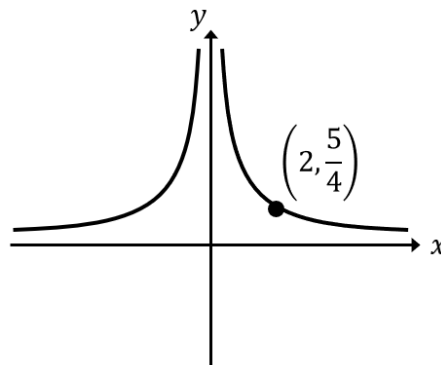
**(d)**

Find the equation of the graph shown.



**(e)**

Find the equation of the graph shown.



**(f)**

Find the equation of the graph shown.

