|  |
| --- |
| **Sketching Reciprocal Graphs** |
| **(a)** | **(b)** | **(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. | On the same axes, sketch the graphs of $y=\frac{3}{x}$ and $y=\frac{9}{x}$ |
|  **(d)** | **(e)** | **(f)** |
| Find the equation of the graph shown. | Find the equation of the graph shown. | Find the equation of the graph shown. |