Reciprocal Graphs

1. Sketch $y = \dfrac{1}{x}$

2. Sketch $y = -\dfrac{3}{x}$

3. Sketch $y = \dfrac{3}{x^2}$

4. Sketch $y = -\dfrac{4}{x^2}$

5. On the same axes, sketch $y = \dfrac{1}{x}$ and $y = \dfrac{3}{x}$