

Inverses and Reciprocals Quiz

Determine the inverse for each of the following:

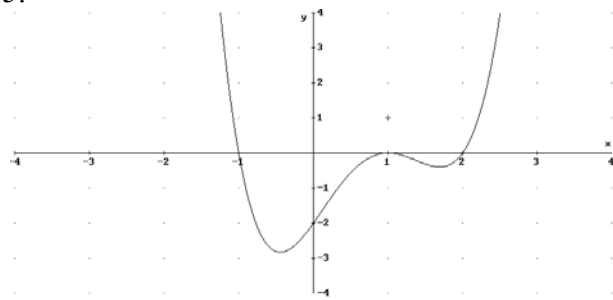
1. $3x + 4y = 6$

2. $y = 2x^2 - 3x + 1$

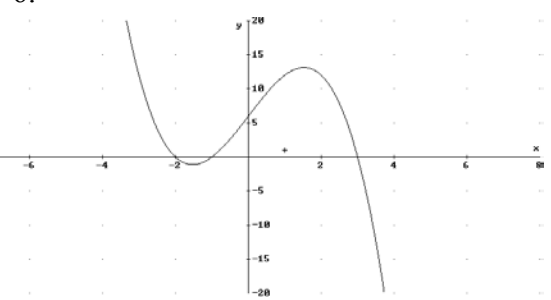
3. $5x^3 + 2y^2 = 40$

4.
$$\begin{array}{c|ccc} x & -3 & 5 & 6 \\ \hline y & 2 & -4 & -9 \end{array}$$

5.



6.



Determine the reciprocal for each of the following:

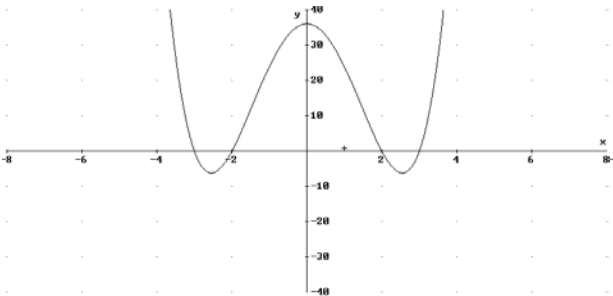
1. $y = 3x - 5$

2. $4x + 3y = -7$

3. $x^2 + y^2 = 4$

4.
$$\begin{array}{c|ccc} x & 5 & 9 & 12 \\ \hline y & 6 & 3 & -2 \end{array}$$

5.



6.

