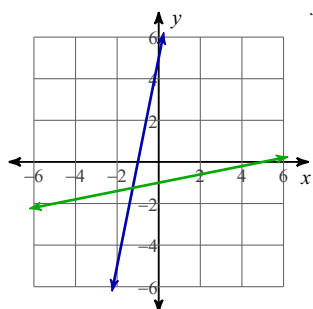


Answers to Worksheet 8 - Lesson 32

1) $f^{-1}(x) = \sqrt[5]{x+3} - 2$

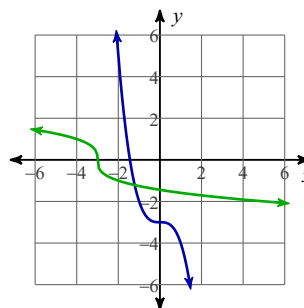
2) $f^{-1}(x) = -\frac{1}{x-2} - 2$

3)



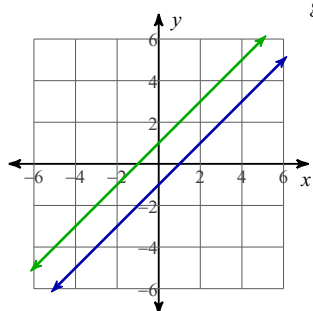
$f^{-1}(x) = -1 + \frac{1}{5}x$

4)



$g^{-1}(x) = \sqrt[3]{-x-3}$

5)

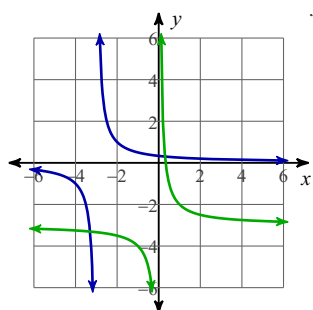


$g^{-1}(x) = x + 1$

6) No

7) Yes

8)



$f^{-1}(x) = \frac{1}{x} - 3$

9) $(-3, 2)$

10) $(-6, 7)$

11) Only B since that is the only one-to-one function.