

Answers to Classwork – Inverse Functions

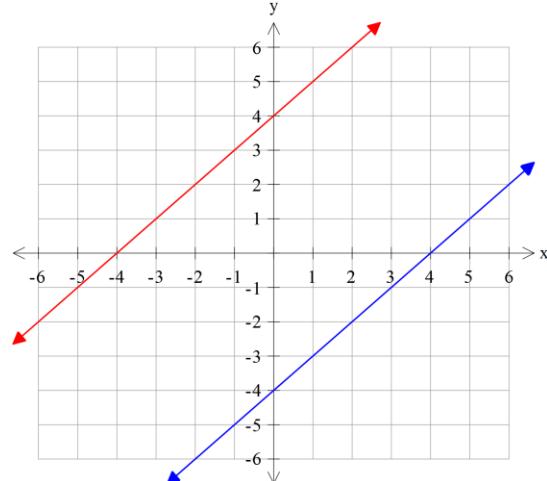
1. *inverses*

3. *not inverses*

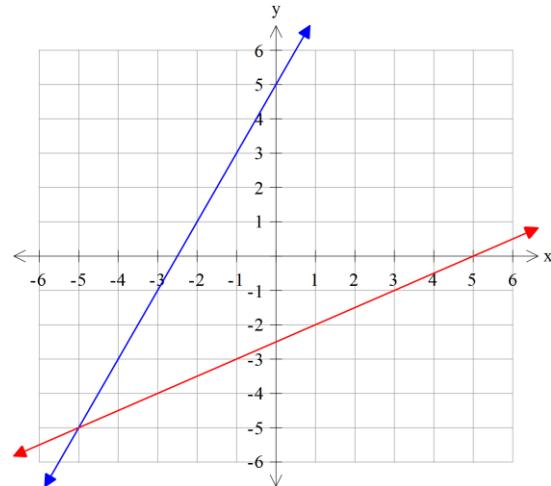
2. *not inverses*

4. *inverses*

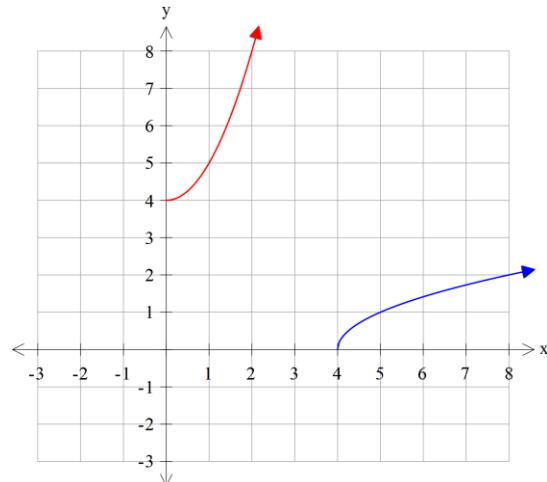
5. $f^{-1}(x) = x + 4$



6. $f^{-1}(x) = \frac{1}{2}x - \frac{5}{2}$



7. $f^{-1}(x) = x^2 + 4; D_{f^{-1}} : [0, \infty)$



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

