

4.5 Inverse Functions

Period _____

Find the inverse of each function.

1) $\{(1,5),(2,7),(3,4)(4,6),(5,9)\}$

2) $\{(0,1),(1,1),(1,2)(1,3),(1,5)\}$

3) $h(x) = \frac{-x+3}{4}$

4) $f(x) = \frac{5-x}{5}$

5) $g(x) = 6x - 1$

6) $g(x) = -x + 5$

7) $f(x) = -2x + 6$

8) $h(x) = \frac{9}{8}x - \frac{13}{8}$

9) $g(x) = \frac{-2x+5}{3}$

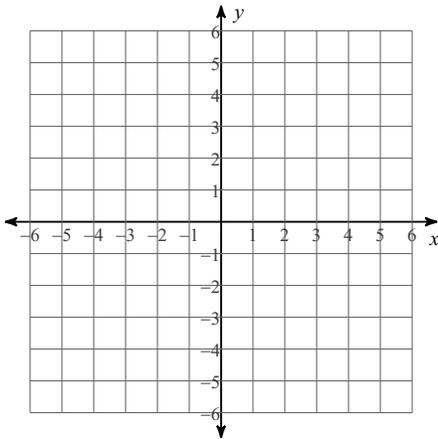
10) $g(x) = -2x - 4$

11) $g(x) = \frac{-x+2}{2}$

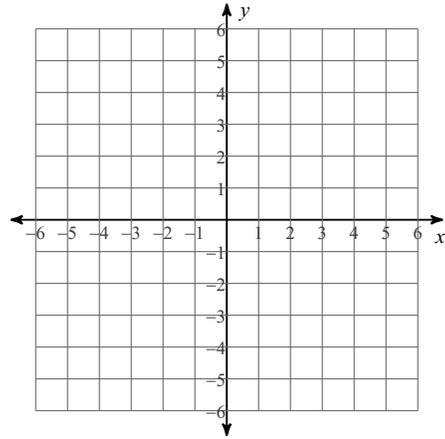
12) $h(x) = -5x - 10$

Graph the function and its inverse.

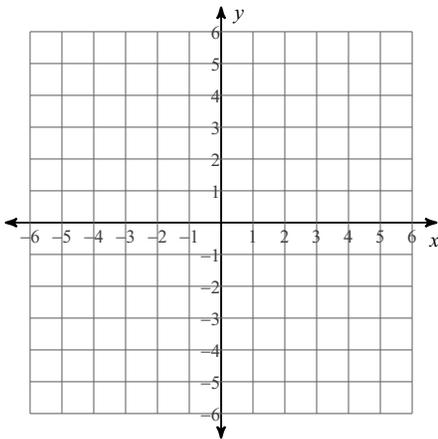
13) $g(x) = x - 1$



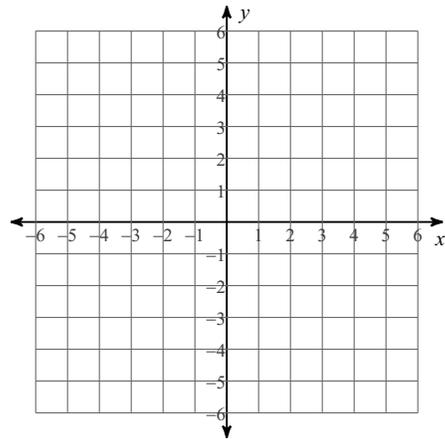
14) $g(x) = -3x$



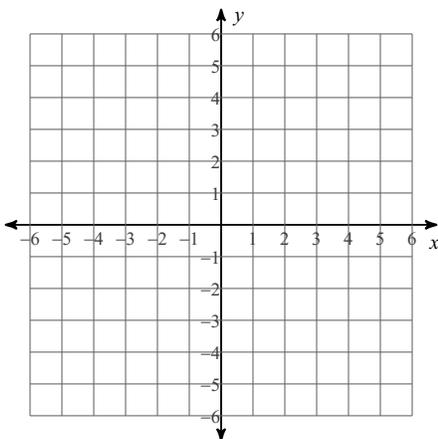
15) $g(x) = x + 5$



16) $h(x) = -\frac{4}{3}x$



17) $g(x) = 2x - 2$



18) $g(x) = 2x + 5$

