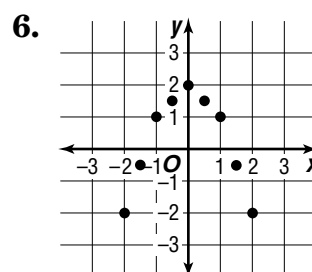
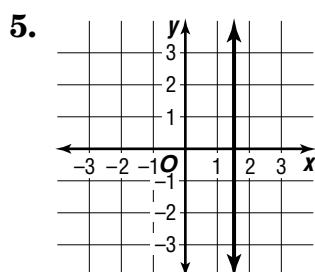
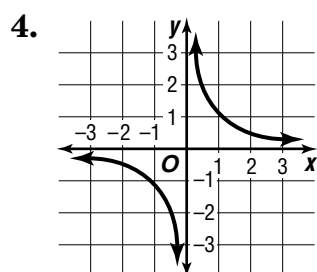
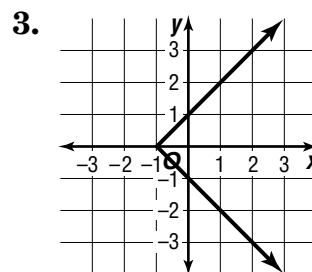
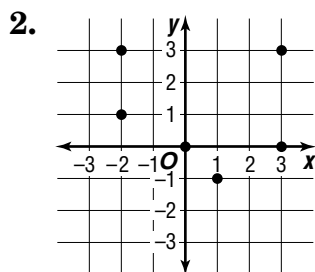
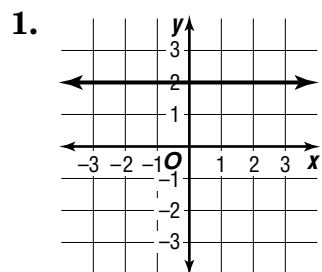


Practice

Functions

Determine whether each relation is a function.



7. $\{(2, 4), (3, 5), (4, 6), (5, 8)\}$

8. $\{(1, 4), (2, 3), (3, -6), (-3, 6)\}$

9. $\{(1, 5), (1, 7), (1, -5), (1, -7)\}$

10. $\{(0, 4), (1, 4), (2, 4), (3, 4)\}$

11. $2x - 3y = 4$

12. $xy = 1$

13. $y = -2$

14. $x^2 = y + 1$

15. $x = 3$

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

If $f(x) = 2x - 6$ and $g(x) = x - 2x^2$, find each value.

17. $f(2)$

18. $f\left(-\frac{1}{2}\right)$

19. $f(-2.5)$

20. $g(-1)$

21. $g(3)$

22. $g\left(-\frac{1}{3}\right)$