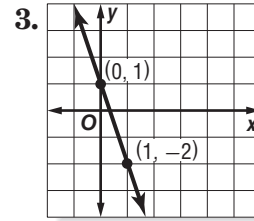
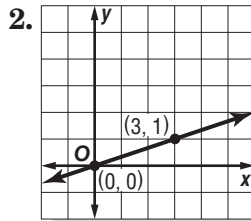
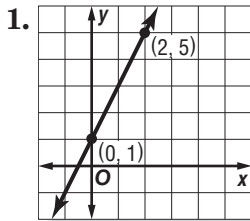


3-3 Skills Practice**Rate of Change and Slope**

Find the slope of the line that passes through each pair of points.



4. $(2, 5), (3, 6)$

5. $(6, 1), (-6, 1)$

6. $(4, 6), (4, 8)$

7. $(5, 2), (5, -2)$

8. $(2, 5), (-3, -5)$

9. $(9, 8), (7, -8)$

10. $(-5, -8), (-8, 1)$

11. $(-3, 10), (-3, 7)$

12. $(17, 18), (18, 17)$

13. $(-6, -4), (4, 1)$

14. $(10, 0), (-2, 4)$

15. $(2, -1), (-8, -2)$

16. $(5, -9), (3, -2)$

17. $(12, 6), (3, -5)$

18. $(-4, 5), (-8, -5)$

19. $(-5, 6), (7, -8)$

Find the value of r so the line that passes through each pair of points has the given slope.

20. $(r, 3), (5, 9), m = 2$

21. $(5, 9), (r, -3), m = -4$

22. $(r, 2), (6, 3), m = \frac{1}{2}$

23. $(r, 4), (7, 1), m = \frac{3}{4}$

24. $(5, 3), (r, -5), m = 4$

25. $(7, r), (4, 6), m = 0$