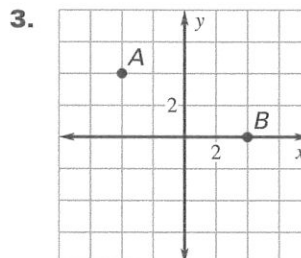
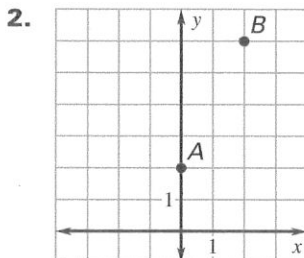
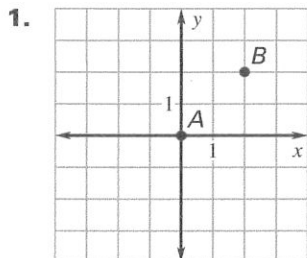


**LESSON**  
**3.4**

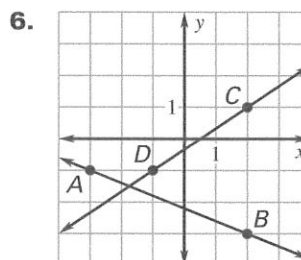
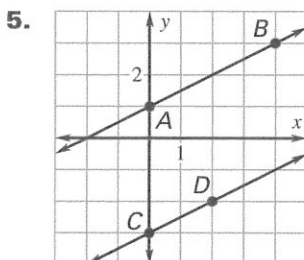
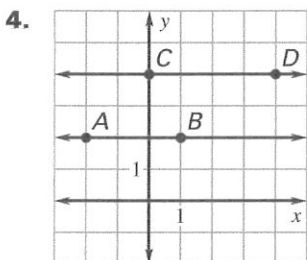
**Practice A**

For use with the lesson "Find and Use Slopes of Lines"

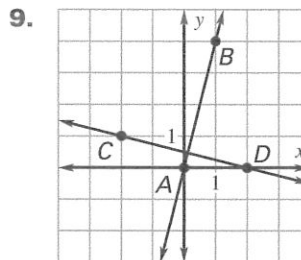
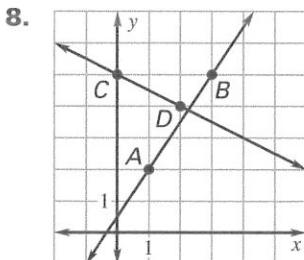
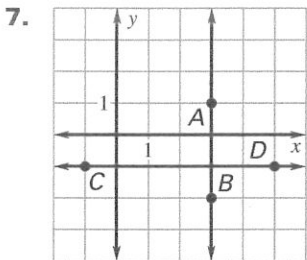
**Find the slope of the line that passes through the points.**



**Find the slope of each line. Are the lines parallel?**



**Find the slope of each line. Are the lines perpendicular?**



**Tell whether the lines through the given points are *parallel*, *perpendicular*, or *neither*.**

- |  |  |   |
|--|--|---|
| 10. Line 1: $(-1, 3), (-1, 5)$<br>Line 2: $(0, 0), (0, 6)$ | 11. Line 1: $(1, 1), (3, 3)$<br>Line 2: $(2, 2), (0, 4)$   | 12. Line 1: $(-5, 2), (-3, 5)$<br>Line 2: $(-2, 2), (1, 0)$ |
| 13. Line 1: $(-2, 3), (-5, 2)$<br>Line 2: $(4, 1), (5, 3)$ | 14. Line 1: $(-3, -2), (1, 2)$<br>Line 2: $(1, 3), (4, 6)$ | 15. Line 1: $(-3, 4), (1, 2)$<br>Line 2: $(6, 2), (8, 1)$   |

**Tell which line through the given points is steeper.**

- |  |   |  |
|--|---|--|
| 16. Line 1: $(0, 0), (1, 3)$<br>Line 2: $(0, 0), (4, 6)$   | 17. Line 1: $(0, 3), (4, 5)$<br>Line 2: $(1, -1), (5, 4)$ | 18. Line 1: $(-1, 0), (4, 5)$<br>Line 2: $(-2, 0), (4, 3)$ |
| 19. Line 1: $(-3, 6), (0, 0)$<br>Line 2: $(-2, 2), (0, 0)$ | 20. Line 1: $(1, 2), (2, 3)$<br>Line 2: $(2, 4), (4, -2)$ | 21. Line 1: $(1, 4), (4, 4)$<br>Line 2: $(2, -1), (6, 3)$  |