

NAME \_\_\_\_\_

**Module 8** Writing Linear Equations of  
Two Variables  
**Lesson 1** Finding Slope



**additional  
practice**

**Find the slope of the line passing through the given points.**

1. (2, -3) and (0, 5)

 $\underline{-4}$ 

2. (1, 3) and (-3, -3)

 $\underline{\frac{3}{2}}$ 

3. (0, 4) and (-4, 7)

 $\underline{-\frac{3}{4}}$ 

4. (1, -1) and (5, 1)

 $\underline{\frac{1}{2}}$ 

5. (3, 0) and (-1, 0)

 $\underline{0}$ 

6. (2, 7) and (-1, -1)

 $\underline{\frac{8}{3}}$ 

7. (-6, 2) and (4, 4)

 $\underline{\frac{1}{5}}$ 

8. (-4, -2) and (-3, 5)

 $\underline{7}$ 

9. (1, 0) and (1, 8)

 $\underline{\text{undefined}}$ 

10. (2, 2) and (9, -4)

 $\underline{-\frac{6}{7}}$ 

11. (5, -2) and (-1, 3)

 $\underline{-\frac{5}{6}}$ 

12. (4, 7) and (0, -6)

 $\underline{\frac{13}{4}}$ 

**Find the slope of a line:**

13. perpendicular to the line through (2, 5) and (4, 1).

 $\underline{\frac{1}{2}}$ 

14. parallel to the line through (3, 0) and (3, -4).

 $\underline{\text{undefined}}$ 

15. parallel to the line through (5, -7) and (-1, 4).

 $\underline{-\frac{11}{6}}$ 

16. perpendicular to the line through (-4, -2) and (3, -1).

 $\underline{-7}$ 

17. perpendicular to the line through (4, 0) and (-2, 8).

 $\underline{\frac{3}{4}}$ 

18. perpendicular to the line through (9, 1) and (-5, 3).

 $\underline{7}$ 

19. parallel to the line through (-8, 2) and (2, 5).

 $\underline{\frac{3}{10}}$ 

20. parallel to the line through (3, 9) and (6, 2).

 $\underline{-\frac{7}{3}}$

