

Name: _____

Date: _____

Slope from two points (whole numbers)

Slope = rise $\div$ run = $(y_2 - y_1) \div (x_2 - x_1)$.

1. $(-5, -4)$ and $(1, -22)$ $m =$ _____

11. $(-4, 5)$ and $(-3, 6)$ $m =$ _____

2. $(5, 5)$ and $(11, 23)$ $m =$ _____

12. $(-4, -1)$ and $(-2, 7)$ $m =$ _____

3. $(5, 3)$ and $(7, 1)$ $m =$ _____

13. $(-3, 3)$ and $(2, 28)$ $m =$ _____

4. $(-5, -4)$ and $(1, 20)$ $m =$ _____

14. $(-1, -3)$ and $(3, -11)$ $m =$ _____

5. $(-2, -2)$ and $(0, -4)$ $m =$ _____

15. $(-4, -3)$ and $(2, 3)$ $m =$ _____

6. $(5, -4)$ and $(7, 0)$ $m =$ _____

16. $(2, 3)$ and $(7, 23)$ $m =$ _____

7. $(3, 5)$ and $(6, -4)$ $m =$ _____

17. $(2, 1)$ and $(8, -11)$ $m =$ _____

8. $(-4, -6)$ and $(0, 2)$ $m =$ _____

18. $(1, 2)$ and $(4, 14)$ $m =$ _____

9. $(-6, -2)$ and $(-5, 0)$ $m =$ _____

19. $(-5, 3)$ and $(-1, 19)$ $m =$ _____

10. $(-1, 3)$ and $(3, 19)$ $m =$ _____

20. $(0, 2)$ and $(4, 14)$ $m =$ _____

Slope and Linear Equations: Answer Key

1. -3

2. 3

3. -1

4. 4

5. -1

6. 2

7. -3

8. 2

9. 2

10. 4

11. 1

12. 4

13. 5

14. -2

15. 1

16. 4

17. -2

18. 4

19. 4

20. 3