

Name: _____

Date: _____

Slope as a fraction

Write each slope in simplest form.

1. $(-3, -5)$ and $(1, -2)$ $m = \underline{\hspace{2cm}}$

11. $(1, 2)$ and $(3, 11)$ $m = \underline{\hspace{2cm}}$

2. $(-1, 6)$ and $(2, -1)$ $m = \underline{\hspace{2cm}}$

12. $(-3, 1)$ and $(0, 0)$ $m = \underline{\hspace{2cm}}$

3. $(3, -6)$ and $(8, -3)$ $m = \underline{\hspace{2cm}}$

13. $(3, 5)$ and $(5, -4)$ $m = \underline{\hspace{2cm}}$

4. $(0, 1)$ and $(2, 2)$ $m = \underline{\hspace{2cm}}$

14. $(3, 1)$ and $(7, 3)$ $m = \underline{\hspace{2cm}}$

5. $(1, -2)$ and $(6, -3)$ $m = \underline{\hspace{2cm}}$

15. $(0, -5)$ and $(6, 0)$ $m = \underline{\hspace{2cm}}$

6. $(-3, -6)$ and $(3, -10)$ $m = \underline{\hspace{2cm}}$

16. $(-1, -5)$ and $(4, 4)$ $m = \underline{\hspace{2cm}}$

7. $(-1, 0)$ and $(5, -8)$ $m = \underline{\hspace{2cm}}$

17. $(5, 6)$ and $(10, 15)$ $m = \underline{\hspace{2cm}}$

8. $(3, -4)$ and $(8, -11)$ $m = \underline{\hspace{2cm}}$

18. $(1, 5)$ and $(4, 10)$ $m = \underline{\hspace{2cm}}$

9. $(-5, -5)$ and $(1, 4)$ $m = \underline{\hspace{2cm}}$

19. $(-6, -6)$ and $(-4, 3)$ $m = \underline{\hspace{2cm}}$

10. $(0, -3)$ and $(5, -1)$ $m = \underline{\hspace{2cm}}$

20. $(-5, -4)$ and $(-1, -7)$ $m = \underline{\hspace{2cm}}$

Slope and Linear Equations: Answer Key

1. $\frac{3}{4}$

2. $-\frac{7}{3}$

3. $\frac{3}{5}$

4. $\frac{1}{2}$

5. $-\frac{1}{5}$

6. $-\frac{2}{3}$

7. $-\frac{4}{3}$

8. $-\frac{7}{5}$

9. $\frac{3}{2}$

10. $\frac{2}{5}$

11. $\frac{9}{2}$

12. $-\frac{1}{3}$

13. $-\frac{9}{2}$

14. $\frac{1}{2}$

15. $\frac{5}{6}$

16. $\frac{9}{5}$

17. $\frac{9}{5}$

18. $\frac{5}{3}$

19. $\frac{9}{2}$

20. $-\frac{3}{4}$