Name: _____

Slope from Two Points A

Find the slope of the line through each pair of points. $m = (y_2 - y_1) \div (x_2 - x_1)$.

1. (−3, 4) and (5, 8) m = _____
2. (5, 5) and (2, −2) m = _____
3. (−6, 7) and (3, 6) m = _____
4. (−1, −6) and (−9, 6) m = _____
5. (−7, 1) and (−4, 4) m = _____
6. (8, 7) and (−2, 7) m = _____
7. (6, 6) and (−6, −5) m = _____
8. (−1, 7) and (4, 5) m = _____
9. (2, 2) and (3, −4) m = _____
10. (5, −8) and (7, 4) m = _____
11. (4, 1) and (−2, −4) m = _____
12. (−4, 8) and (3, 2) m = _____
13. (−3, −2) and (9, 6) m = _____
14. (8, −4) and (−5, −1) m = _____
15. (6, 5) and (−4, 5) m = _____
16. (8, 7) and (−4, 9) m = _____
17. (−5, −7) and (2, −1) m = _____
18. (−4, 2) and (−2, −1) m = _____
19. (8, −7) and (5, 9) m = _____
20. (8, 7) and (6, 1) m = _____

Name: **ANSWER KEY**

Slope from Two Points A

Find the slope of the line through each pair of points. $m = (y_2 - y_1) \div (x_2 - x_1)$.

1. (−3, 4) and (5, 8) m = $\frac{1}{2}$
2. (5, 5) and (2, −2) m = $\frac{7}{3}$
3. (−6, 7) and (3, 6) m = $-\frac{1}{9}$
4. (−1, −6) and (−9, 6) m = $-\frac{3}{2}$
5. (−7, 1) and (−4, 4) m = 1
6. (8, 7) and (−2, 7) m = 0
7. (6, 6) and (−6, −5) m = $\frac{11}{12}$
8. (−1, 7) and (4, 5) m = $-\frac{2}{5}$
9. (2, 2) and (3, −4) m = −6
10. (5, −8) and (7, 4) m = 6
11. (4, 1) and (−2, −4) m = $\frac{5}{6}$
12. (−4, 8) and (3, 2) m = $-\frac{6}{7}$
13. (−3, −2) and (9, 6) m = $\frac{2}{3}$
14. (8, −4) and (−5, −1) m = $-\frac{3}{13}$
15. (6, 5) and (−4, 5) m = 0
16. (8, 7) and (−4, 9) m = $-\frac{1}{6}$
17. (−5, −7) and (2, −1) m = $\frac{6}{7}$
18. (−4, 2) and (−2, −1) m = $-\frac{3}{2}$
19. (8, −7) and (5, 9) m = $-\frac{16}{3}$
20. (8, 7) and (6, 1) m = 3