Name: _____

Slope from Two Points B

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

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

Name: **ANSWER KEY**

Slope from Two Points B

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

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