Name: _____ Period: _____

FINDING SLOPE #2 (Using slope formula)

Find the slope using the formula $m = \frac{y_2 - y_1}{x_2 - x_1}$

1. Find the slope using points: (2, 2) and (-5, 4)

2. Find the slope using points: (3, 9) and (-5, 3)

3. Find the slope using points: (5, 5) and (4, 2)

4. Find the slope using points: (5, 7) and (2, 7)

5. Find the slope using points: (-4, 0) and (12, 2)

6. Find the slope using points: (2, 5) and (-6, -3)

7. Find the slope using points: (-8, -2) and (1, 4)

8. Find the slope using points: (0, -3) and (-4, 2)

9. Find the slope using points: (5, 1) and (9, 4)

10. Find the slope using points: (-10, 6) and (-5, 8)

12. Find the slope using points: (7, -3) and (11, -4)

12. Find the slope using points: (13, 0) and (-2, -12)

13. Find the slope using points: (-15, 7) and (-10, 6)

14. Find the slope using points: (-13, 8) and (21, 8)

15. Find the slope using points: (-3, -2) and (1, 4)

16. Find the slope using points: (2, 5) and (8, 9)

17. Find the slope using points: (3, 3) and (2, 0)

18. Find the slope using points: (-2, 3) and (3, 0)

19. Find the slope using points: (1, 2) and (2, 6)

20. Find the slope using points: (-3, -4) and (0, -2)

21. Find the slope using points: (-2, 5) and (4, -2)

22. Find the slope using points: (2, 5) and (11, 11)

23. Find the slope using points: (-1, -2) and (3, 2)

24. Find the slope using points: (3, -1) and (13, 1)

25. Find the slope using points: (-2, -5) and (2, 3)

26. Find the slope using points: (-7, 4) and (5, 2)

Answers – Finding Slope #1 (Graphing)

1) $\frac{1}{4}$
2) 2
3) 5
4) $\frac{-1}{2}$
5) -4
6) $\frac{2}{3}$
7) 4
8) -5
9) 6
10) $\frac{-1}{3}$
11) 0
12) 6
13) $\frac{2}{3}$
14) undefined
15) $\frac{-1}{4}$
16) 3

Answers – Finding Slope #2 (Formula)

1) $\frac{-2}{7}$
2) $\frac{3}{4}$
3) 3
4) 0
5) $\frac{1}{8}$
6) 1
7) $\frac{2}{3}$
8) $\frac{-5}{4}$
9) $\frac{3}{4}$
10) $\frac{2}{5}$
11) $\frac{-1}{4}$
12) $\frac{4}{5}$
13) $\frac{-1}{5}$
14) 0
15) $\frac{3}{2}$
16) $\frac{2}{3}$
17) 3
18) $\frac{-3}{5}$
19) 4
20) $\frac{2}{3}$
21) $\frac{-7}{6}$
22) $\frac{2}{3}$
23) 1
24) $\frac{1}{5}$
25) 2
26) $\frac{-1}{6}$