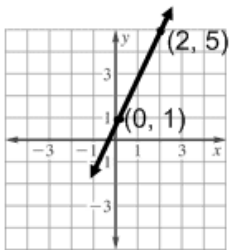


Name: _____ Date: _____ Period: _____

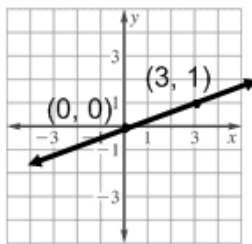
4.4 SLOPE Blue

Find the slope of the line that passes through each pair of points.

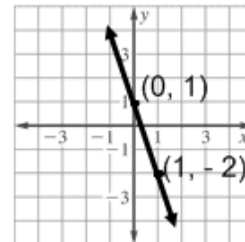
1.



2.



3.



4. (2, 5), (3, 6)

5. (6, 1), (-6, 1)

6. (4, 6), (4, 8)

7. (5, 2), (5, -2)

8. (2, 5), (-3, -5)

9. (9, 8), (7, -8)

10. (-5, -8), (-8, 1)

11. (-3, 10), (3, 7)

12. (17, 18), (18, 17)

13. (-6, -4), (4, 1)

14. (10, 0), (-2, 4)

15. (2, -1), (-8, -2)

16. (5, -9), (3, -2)

17. (12, 6), (3, -5)

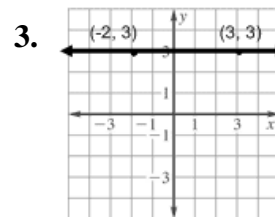
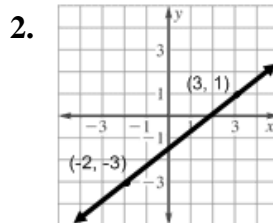
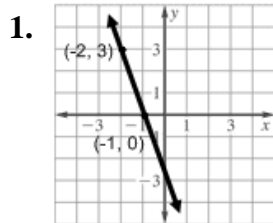
18. (-4, 5), (-8, -5)

Name: _____ Date: _____ Period: _____

SLOPE

Blue

Find the slope of the line that passes through each pair of points.



4. $(6, 3), (7, -4)$

5. $(-9, -3), (-7, -5)$

6. $(6, -2), (5, -4)$

7. $(7, -4), (4, 8)$

8. $(-7, 8), (-7, 5)$

9. $(5, 9), (3, 9)$

10. $(15, 2), (-6, 5)$

11. $(3, 9), (-2, 8)$

12. $(-2, -5), (7, 8)$

13. ROOFING The *pitch* of a roof is the number of feet the roof rises for each 12 feet horizontally. If a roof has a pitch of 8, what is its slope expressed as a positive number?

14. SALES A daily newspaper has 12,125 subscribers when it began publication. Five years later, it had 10,100 subscribers. What is the average yearly rate of change in the number of subscribers for the five-year period?