

Practice Worksheet 4.4

Name _____

Class Period _____

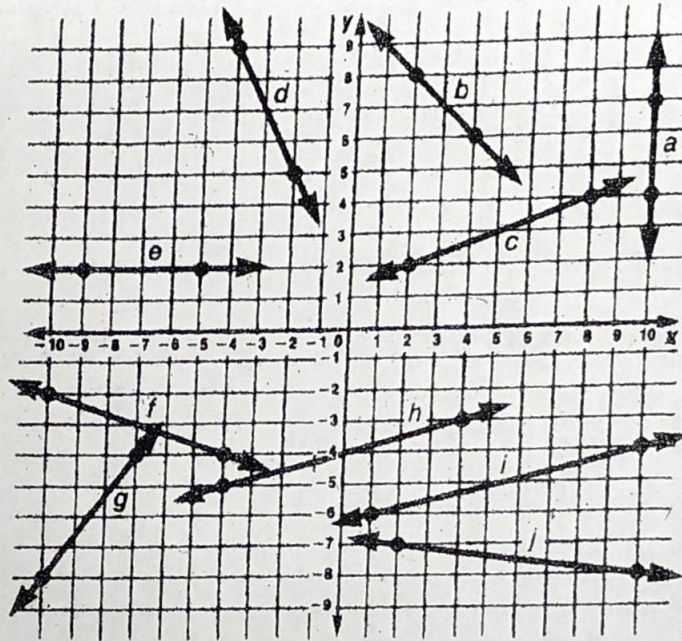
SLOPE/PLOTTING POINTS: REVIEW

Foundations

$m =$ _____

Determine the slope of each line named below.

- 1. a
- 2. b
- 3. c
- 4. d
- 5. e
- 6. f
- 7. g
- 8. h
- 9. i
- 10. j



Determine the value of r so the line passing through each pair of points has the given slope.

$(6, 3), (r, 2), m = \frac{1}{2}$

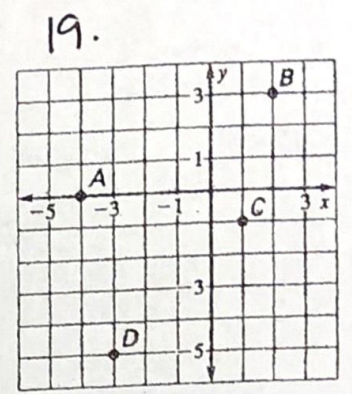
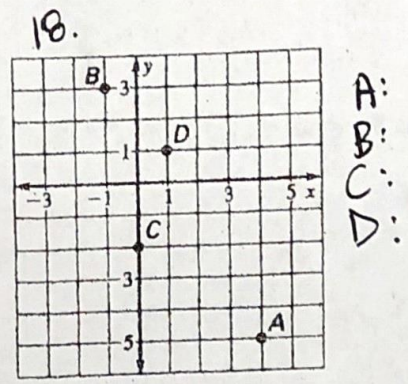
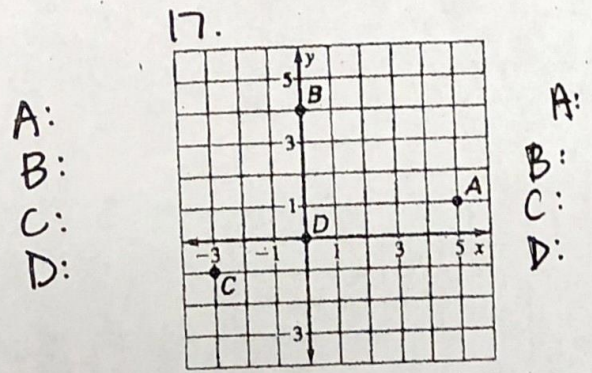
$(r, 3), (-4, 5), m = -\frac{2}{5}$

$m =$ _____

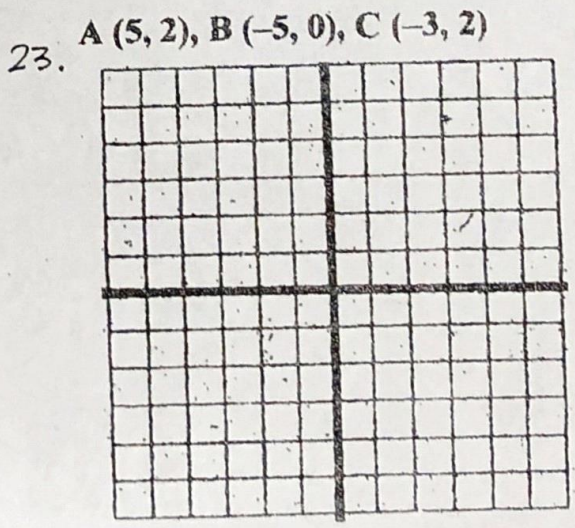
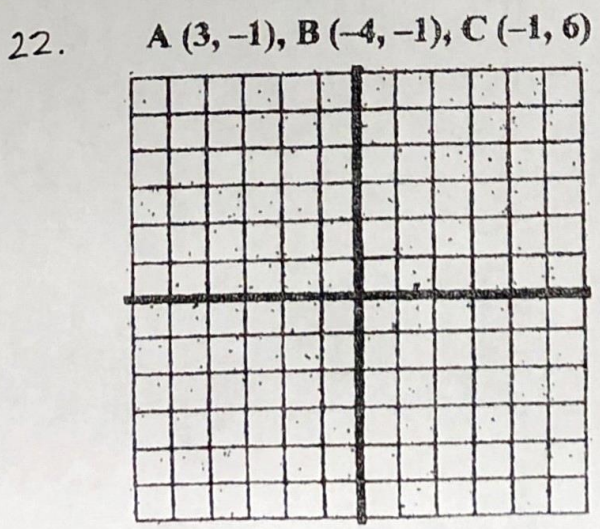
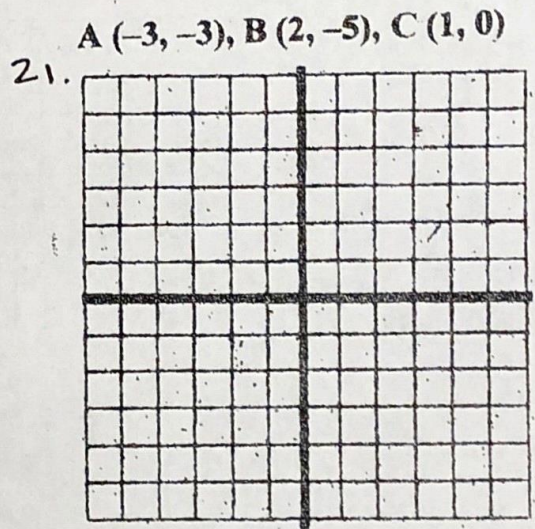
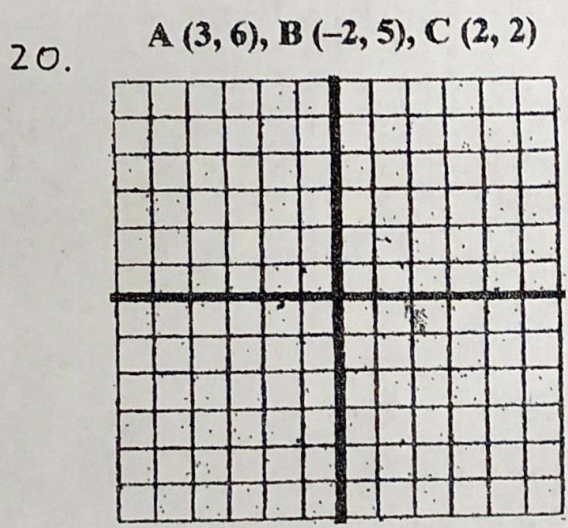
Determine the slope of the line passing through each pair of points. *SLOPE FORMULA*

- 11. $(2, 5), (3, 6)$
- 12. $(4, 1), (-4, 1)$
- 13. $(4, 1), (-6, -4)$
- 14. $(-2, 4), (10, 0)$
- 15. $(3, 2), (3, -2)$
- 16. $(2, 7), (-2, -3)$

I. Write the ordered pairs that correspond to the points labeled A, B, C, and D in the coordinate plane.

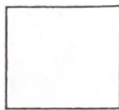


II. Plot and label the ordered pairs in a coordinate plane.



Name: _____

Unit 4: Linear Equations

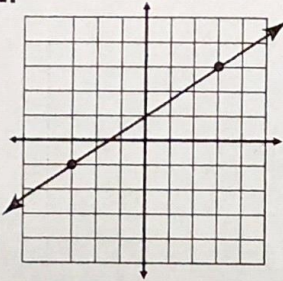


Date: _____ Bell: _____

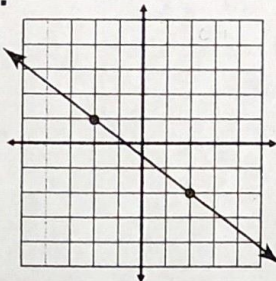
: Slope

Directions: Find the slope of the line show on the graph.

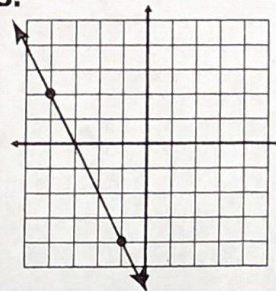
1.



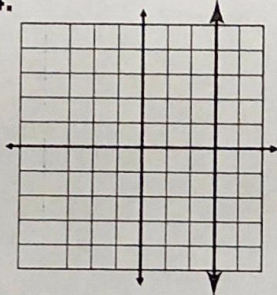
2.



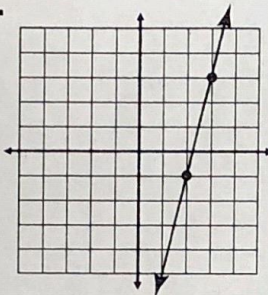
3.



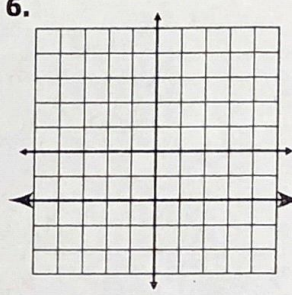
4.



5.



6.



Directions: Use the slope formula to find the slope between the given two points.

7. (4, 9) and (1, 6)

8. (-4, -1) and (-2, -5)

9. (5, 3) and (5, -9)

10. (2, 1) and (8, 9)

11. (14, -8) and (7, -6)

12. (4, -3) and (8, -3)

Directions: Find the missing value so that the line passing through the points has the given slope.

13. $(x, -4)$ and $(2, 8)$; $m = -3$

14. $(10, y)$ and $(3, 4)$; $m = -\frac{2}{7}$

15. $(7, 1)$ and $(x, 4)$; $m = \frac{3}{4}$