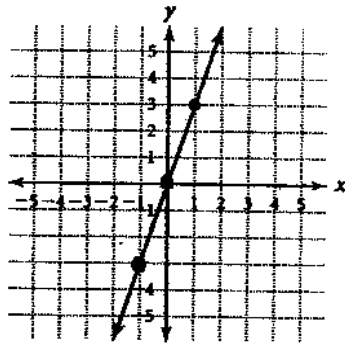




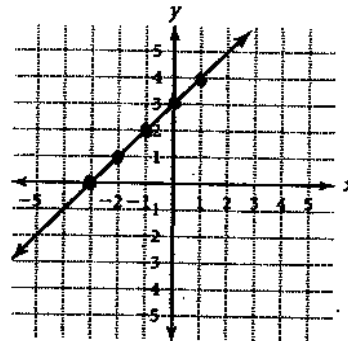
Practice
5.3 Worksheet #1

Find the slope of the lines graphed below.

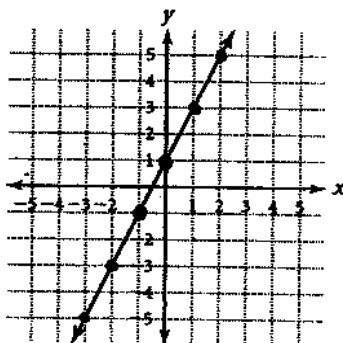
1. _____



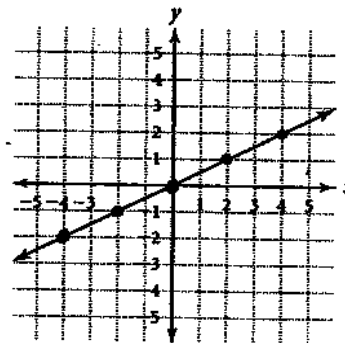
2. _____



3. _____



4. _____



Find the slope for each rise and run. Simplify all fractions.

5. rise: 6, run: 2 _____

6. rise: 4, run: 3 _____

7. rise: 4, run: 12 _____

8. rise: 16, run: 8 _____

9. rise: 8, run: 16 _____

10. rise: 20, run: 5 _____

11. rise: 1, run: 7 _____

12. rise: 5, run: 3 _____

Find the slope of the line that contains each pair of points. Simplify all fractions.

13. $M(0, 0), N(1, 2)$ _____

14. $M(2, 4), N(5, 6)$ _____

15. $M(0, 8), N(5, 8)$ _____

16. $M(6, 4), N(7, 10)$ _____

17. $M(0, 0), N(10, 10)$ _____

18. $M(3, 5), N(3, 7)$ _____

19. $M(2, 5), N(7, 5)$ _____

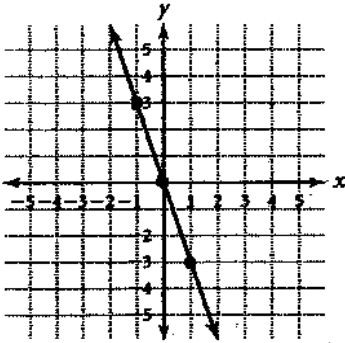
20. $M(10, 2), N(10, 7)$ _____

Practice

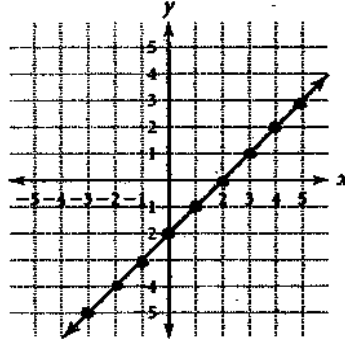
5.3 Defining Slope

Find the slope of the lines graphed below.

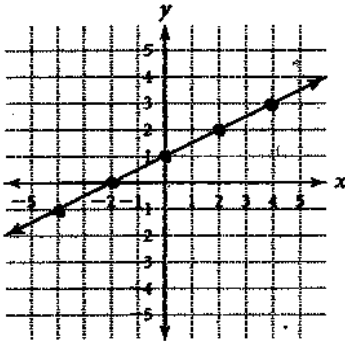
1. _____



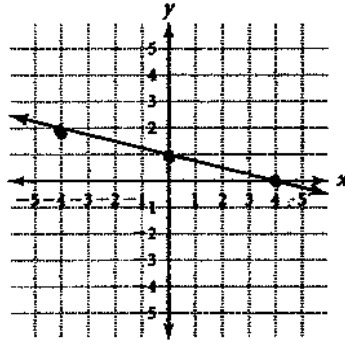
2. _____



3. _____



4. _____



Find the slope for each rise and run. Simplify all fractions.

5. rise: 10, run: 5 _____ 6. rise: -2, run: 3 _____ 7. rise: 3, run: -9 _____
 8. rise: 20, run: 15 _____ 9. rise: 12, run: -8 _____ 10. rise: 0, run: 8 _____

Find the slope of the line that contains each pair of points. Simplify all fractions.

11. $M(0, 0), N(3, 4)$ _____ 12. $M(5, 3), N(5, 8)$ _____
 13. $M(-4, 2), N(-4, -6)$ _____ 14. $M(-2, 2), N(1, -4)$ _____

15. Wendy built a ramp that covers a distance of 30 centimeters across the bottom of the tank and rises 12 centimeters. What is the slope of the ramp?

16. Josh is painting houses on the weekends. He is working on an area 14 feet high on the house, and the base of his ladder is 5 feet from the house. What is the slope of the ladder?

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