

**Graphing Worksheet 42**

Use the given information to write the equation of the line in point-slope form.

1. Slope: 1 Point:  $(-7, 0)$       2. Slope:  $-\frac{2}{5}$  Point:  $(-10, 3)$       3. Slope:  $-\frac{5}{3}$  Point:  $(6, 9)$

4. Slope:  $-2$  Point:  $(-10, 9)$       5. Slope:  $\frac{4}{5}$  Point:  $(1, 7)$       6. Slope:  $-2$  Point:  $(-5, -8)$

7. Slope:  $-\frac{9}{5}$  Point:  $(-10, -2)$       8. Slope:  $-\frac{2}{5}$  Point:  $(-10, 7)$       9. Slope:  $-\frac{1}{3}$  Point:  $(10, 5)$

10. Slope:  $\frac{4}{5}$  Point:  $(9, 0)$       11. Slope:  $\frac{5}{4}$  Point:  $(4, 10)$       12. Slope:  $-\frac{3}{4}$  Point:  $(-9, 10)$

**13.** Points:  $(-6, -2)$  and  $(-8, -5)$  **14.** Points:  $(7, -3)$  and  $(2, 2)$  **15.** Points:  $(-9, -10)$  and  $(-10, 4)$

**16.** Points:  $(4, 8)$  and  $(-3, -8)$  **17.** Points:  $(-1, 10)$  and  $(4, 1)$  **18.** Points:  $(3, 9)$  and  $(4, 6)$

**19.** Points:  $(1, -3)$  and  $(-6, 3)$  **20.** Points:  $(8, -8)$  and  $(-1, -1)$  **21.** Points:  $(-4, 7)$  and  $(10, 0)$

**22.** Points:  $(-2, -6)$  and  $(3, 2)$  **23.** Points:  $(6, 6)$  and  $(-1, 9)$  **24.** Points:  $(3, -3)$  and  $(-1, 6)$