

Chapter 7 — Writing Linear Equations

Worksheet B: Independent Practice

Name: _____ Grade: _____ Date: _____

1. Slope -3 , y-intercept 0 .

2. Slope 1 , y-intercept -4 .

3. Slope -1 , y-intercept 6 .

4. Write the equation of a vertical line through $(7, -5)$.

5. Write the equation of a horizontal line through $(-4, 2)$.

6. Slope 3, through $(0, 7)$.

7. Slope -2 , through $(1, 3)$.

8. Do the points $(2, 3)$, $(4, 7)$, and $(6, 11)$ lie on one line? If yes, write the equation.

9. Write the equation of the line through $(2, 1)$ and $(6, 1)$.

10. Write the equation of a line perpendicular to $y = 2x + 5$ that passes through $(0, 4)$.

11. Write the equation of a line parallel to $y = -4x + 3$ that passes through $(2, -1)$.

12. Write the equation of the line through $(-2, 3)$ and $(4, -9)$.

13. Write the equation of the line through $(5, 5)$ and $(5, -2)$.

14. Write the equation of the line through $(-4, -1)$ and $(2, 5)$.

15. Write the equation of a line with slope 0 through $(6, -3)$.
