Graphing Worksheet 15 Answers

1. $\Delta y = 1 \quad \Delta x = 2 \quad m = \frac{1}{2} \quad b = 1$
Equation of the line: $y = \frac{1}{2}x + 1$

2. $\Delta y = 5 \quad \Delta x = 3 \quad m = \frac{5}{3} \quad b = 3$
Equation of the line: $y = \frac{5}{3}x + 3$

3. $\Delta y = -3 \quad \Delta x = 4 \quad m = -\frac{3}{4} \quad b = 2$
Equation of the line: $y = -\frac{3}{4}x + 2$

4. $\Delta y = -1 \quad \Delta x = 3 \quad m = -\frac{1}{3} \quad b = -6$
Equation of the line: $y = -\frac{1}{3}x - 6$

5. $\Delta y = 7 \quad \Delta x = 6 \quad m = \frac{7}{6} \quad b = 0$
Equation of the line: $y = \frac{7}{6}x$

6. $\Delta y = -3 \quad \Delta x = 2 \quad m = -\frac{3}{2} \quad b = -4$
Equation of the line: $y = -\frac{3}{2}x - 4$

7. $\Delta y = 6 \quad \Delta x = 4 \quad m = \frac{3}{2} \quad b = 5$
Equation of the line: $y = \frac{3}{2}x + 5$

8. $\Delta y = 2 \quad \Delta x = 1 \quad m = 2 \quad b = 3$
Equation of the line: $y = 2x + 3$

9. $y = 3x + 1$

10. $y = -4x - 2$

11. $y = 2x + 5$

12. $y = 2x + 5$

13. $y = 5x$

14. $y = -5x$

15. $y = -3x + 1$

16. $y = \frac{4}{5}x + 100$