5-4 Slope Intercept Formula

Name _____

Change each equation into Slope Intercept form and then state the slope of the line. Do your work on a separate piece of paper. Remember to get the y by itself and then either divide by the number in front of y or multiple by the reciprocal if it has a fraction in front of the y.

1. $x + y = 6$ Slope intercept form: _____ Slope of line: _____

2. $x + 2y = 8$ Slope intercept form: _____ Slope of line: _____

3. $4x - 2y = 6$ Slope intercept form: _____ Slope of line: _____

4. $2x = y + 6$ Slope intercept form: _____ Slope of line: _____

5. $2x + \frac{1}{3}y = 5$ Slope intercept form: _____ Slope of line: _____

6. $3x + \frac{1}{5}y = 4$ Slope intercept form: _____ Slope of line: _____

7. $x + \frac{2}{3}y = 12$ Slope intercept form: _____ Slope of line: _____

8. $\frac{1}{3}x + \frac{1}{4}y = 4$ Slope intercept form: _____ Slope of line: _____

9. $\frac{1}{2}x + 3y = 6$ Slope intercept form: _____ Slope of line: _____

10. $\frac{1}{8}x + 3y = 9$ Slope intercept form: _____ Slope of line: _____