Solving for y: Slope-Intercept Form

Name:_____

8th Grade Math

1) Circle (y)	2) Determine what to move	3) Move "farthest" first by doing opposite

Solve the following equations for "y" (1-step only)

1. $2+y=3x$

m = _____ b = _____

2. $6=y-4x$

m = _____ b = _____

3. $2y=4x$

m = _____ b = _____

4. $4x=\frac{y}{2}$

m = _____ b = _____

5. $-y=4x-4$

m = _____ b = _____

Solve the following equations for "y" (2-steps)

6. $10=2y+3x$

m = _____ b = _____

7. $3x-4y=12$

m = _____ b = _____

8. $10=\frac{y+3x}{2}$

m = _____ b = _____

9. $\frac{y}{3}+4=7x$

m = _____ b = _____

10. $6x=-y+4$

m = _____ b = _____

Solve the following equations for "y" (1-step only)

1. $y+4x=-2$

m = _____ b = _____

2. $-7+y=2x$

m = _____ b = _____

3. $6x=-4y$

m = _____ b = _____

4. $\frac{y}{5x}=3$

m = _____ b = _____

5. $-2+7x=-y$

m = _____ b = _____

Solve the following equations for "y" (2-steps)

6. $7x+3y=-12$

m = _____ b = _____

7. $3x=4-2y$

m = _____ b = _____

8. $\frac{4+y}{2x}=8$

m = _____ b = _____

9. $x=7+\frac{y}{2}$

m = _____ b = _____

10. $-y-14=-6$

m = _____ b = _____