NAME _____ DATE _____ PERIOD _____

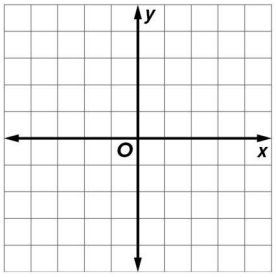
Paper Practice 4.1
Graphing Linear Functions

Examples 1–4

Graph each equation by making a table.

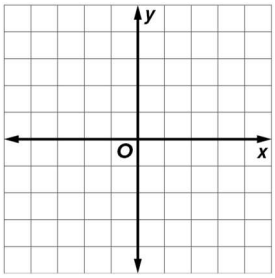
1. $y = 2x - 3$

x	y



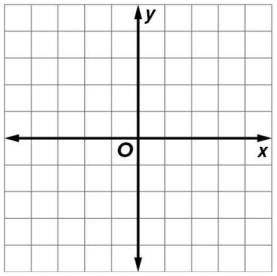
2. $x = y + 4$

x	y



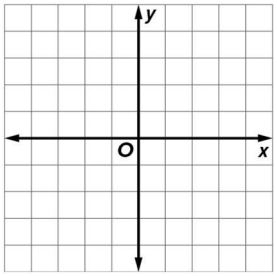
3. $x = 3$

x	y



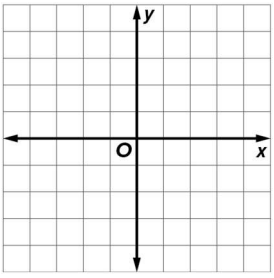
4. $y = -3x + 1$

x	y



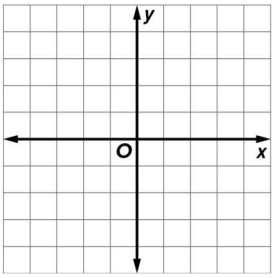
5. $y = 0.5x + 2$

x	y



6. $y = 4$

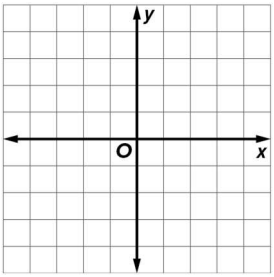
x	y



NAME _____ DATE _____ PERIOD _____

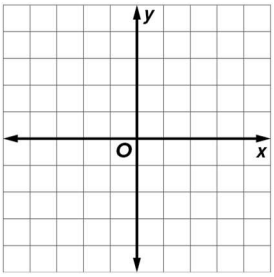
7. $y = -x + 1$

x	y



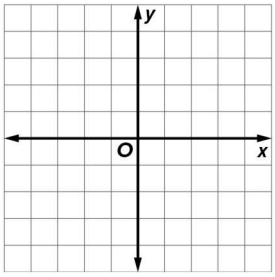
8. $y = -\frac{1}{3}x - 1$

x	y

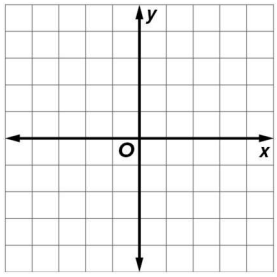


Graph each equation by using the *x*- and *y*-intercepts.

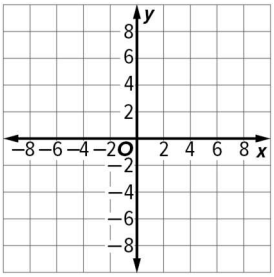
9. $y = 2x + 2$



10. $y = -3x + 1$



11. $2x + 3y = 12$



12. **CONTEST** A radio station has $400 to give away for a contest. It gives away a $50 prize each week. The equation $y = 400 - 50x$ represents the amount y the radio station has left to give away after x weeks.

a. Find the *x*- and *y*-intercepts and interpret their meaning in the context of the situation.

b. Graph the equation using the intercepts.