NAME

Module 7   Solving Linear Equations and
Inequalities of Two Variables
Lesson 2   Graphing Linear Equations of
Two Variables

additional
practice

For each equation, complete the table.

1. $x + 2y = 4$

x	y
0	**2**
6	**–1**
2	1

2. $3x - y = 7$

x	y
–1	**–10**
2	–1
3	**2**

3. $2x - 5y = 10$

x	y
0	**–2**
10	**2**
–5	–4

4. $x + 3y = 1$

x	y
4	**–1**
–5	2
10	**–3**

Using the following equations, find the *x*- and *y*-intercepts of the graphs.

5. $4x - y = 6$

x-intercept = $\frac{3}{2}$ or $1\frac{1}{2}$; y-intercept = –6

6. $x + 4y = 12$

x-intercept = 12; y-intercept = 3
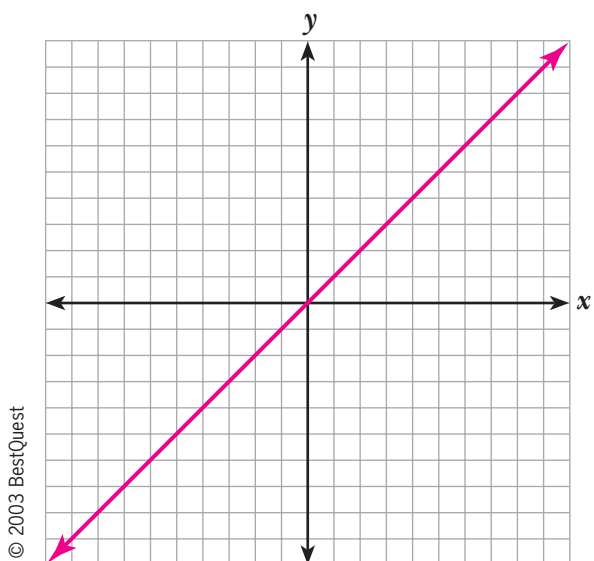
7. $2x - y = 2$

x-intercept = 1; y-intercept = –2

8. $4y - x = 2$

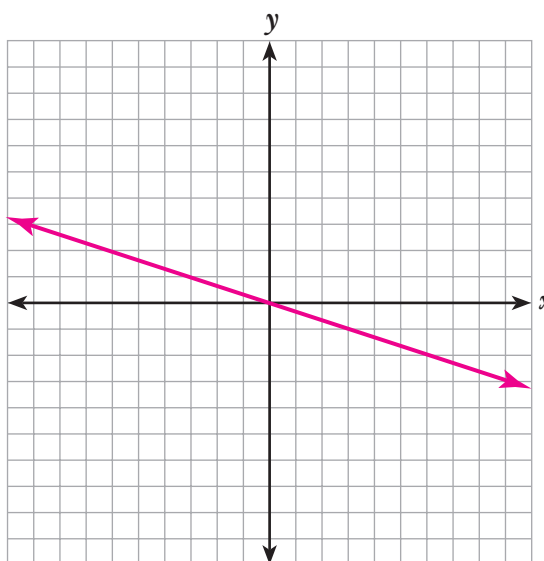**x-intercept = –2; y-intercept = $\frac{1}{2}$**

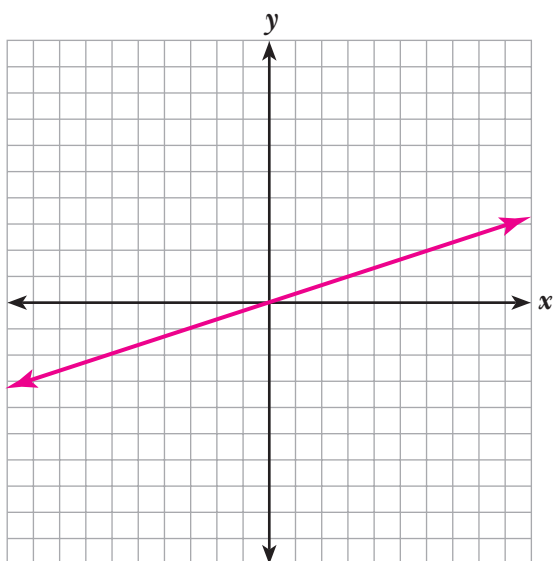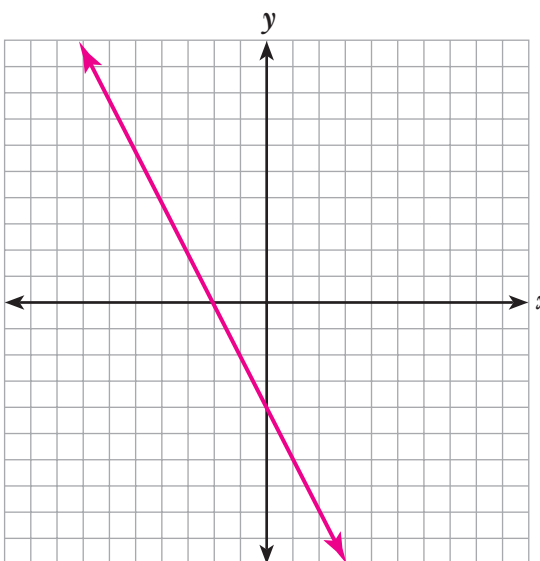**Graph each equation using a table, the intercept method, or the slope-intercept method.**
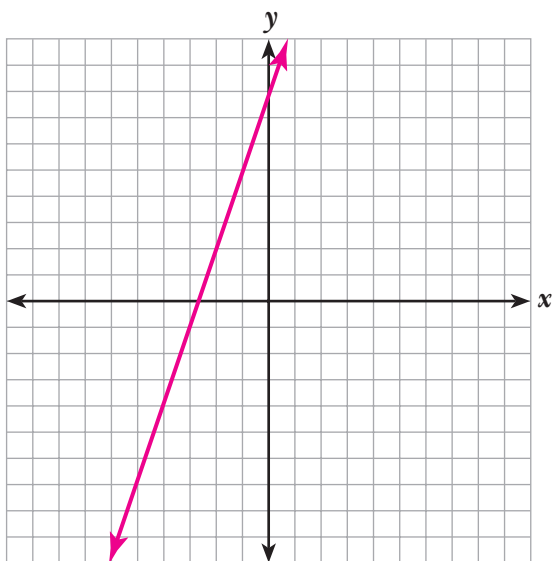
9. $y = x$

10. $3y = -x$

11. $3y = x$

12. $2y = -4x - 8$

13. $y - 3x = 8$

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

monotype composition
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