

LESSON
5.4**Practice A**

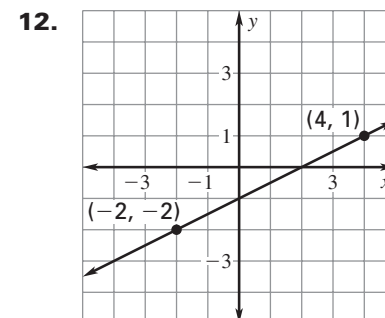
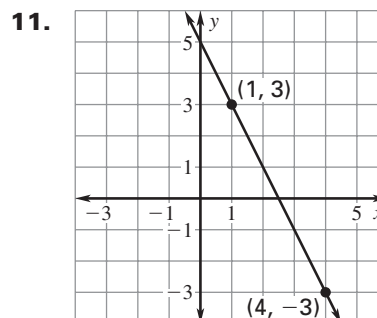
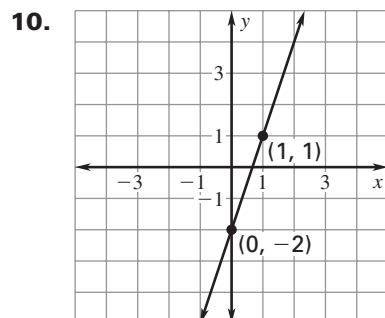
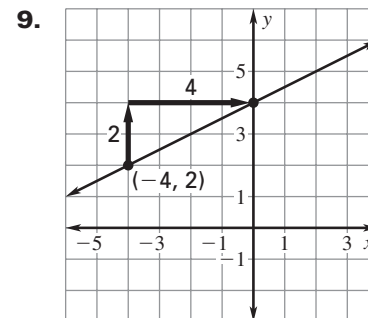
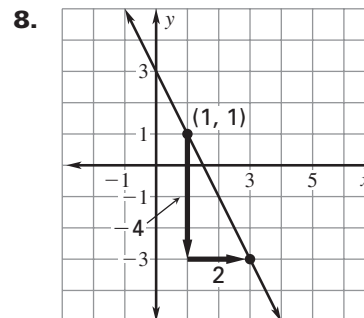
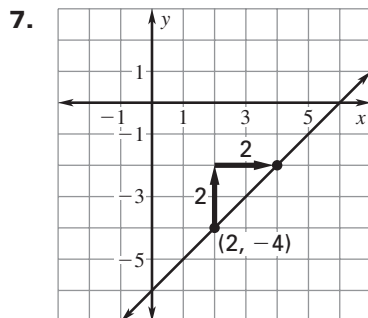
For use with pages 311–316

Identify the form of the equation.

1. $y = -5x + 4$ 2. $y + 3 = -7(x - 6)$ 3. $9x - 2y = 11$

Write two equations in standard form that are equivalent to the given equation.

4. $x + y = -14$ 5. $x + 3y = 7$ 6. $9x + 3y = 6$

Write an equation in standard form of the line shown.**Write equations of the horizontal and the vertical lines that pass through the given point.**

13. $(2, 1)$ 14. $(3, 7)$ 15. $(-1, 4)$

16. **Lawn Seed** You are buying \$80 worth of lawn seed that consists of two types of seed. One type is a quick-growing rye grass that costs \$3.80 a pound, and the other type is a higher-quality seed that costs \$5 a pound.

- Write an equation in standard form that models the possible combinations of each kind of rye grass you can buy for \$80.
- How many pounds of quick-growing rye seed can you buy if you buy 15 pounds of the higher-quality seed?
- How many pounds of the higher-quality seed can you buy if you buy 18 pounds of the quick-growing rye?

17. **Craft Paper** You can buy sheets of basic craft paper for \$.10 each and sheets of textured craft paper for \$.13 each. Write an equation in standard form that models the possible combinations of each kind of paper you can buy for \$10. List three of these possible combinations.