your answer to the nearest tenth of a mile.

38

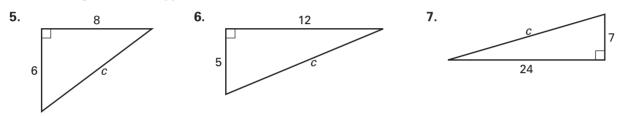
Complete the statement.

LESSON

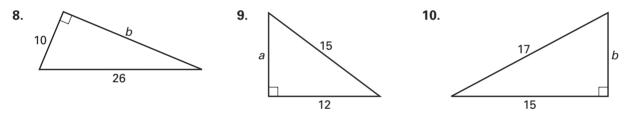
- **1.** In a right triangle, the sides that form the right angle are called _?__.
- 2. In a right triangle, the side opposite the right angle is called the _?__.
- **3.** In a right triangle, the square of the length of the _?___ is equal to the sum of the squares of the lengths of the _?___.
- 4. If $A(x_1, y_1)$ and $B(x_2, y_2)$ are points in a coordinate plane, then the <u>?</u> between A and B is $AB = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$.

Find the length of the hypotenuse.

NAME

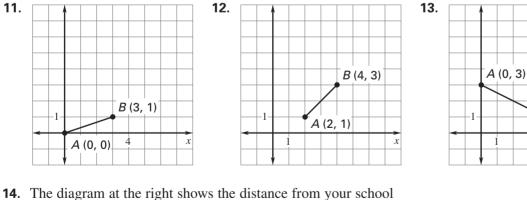


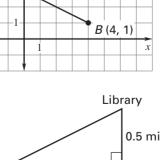
Find the unknown side length.



Find the distance between points *A* and *B*. Round your answer to the nearest tenth, if necessary.

to the bank and the distance from the bank to the library. Find the length of the shortest route from your school to the library. Round





1 mi

School

Bank

Practice A

For use with pages 191–198