

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## 3-16 FINDING RIGHT TRIANGLES

Of the ten sets of sides of triangles below, five form right triangles. Identify each of these triangles. Then change the length of a leg of each of the other triangles so that the triangle will be a right triangle. Note: All lengths of legs should be whole numbers.

1. 3 4 5 \_\_\_\_\_

2. 5 12 13 \_\_\_\_\_

3. 9 33 41 \_\_\_\_\_

4. 11 35 37 \_\_\_\_\_

5. 12 16 20 \_\_\_\_\_

6. 15 37 39 \_\_\_\_\_

7. 20 21 29 \_\_\_\_\_

8. 20 89 101 \_\_\_\_\_

9. 57 63 87 \_\_\_\_\_

10. 468 595 757 \_\_\_\_\_