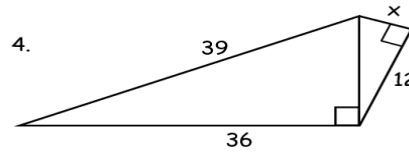
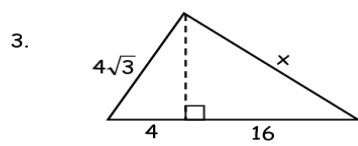
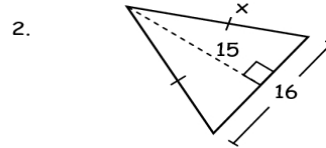
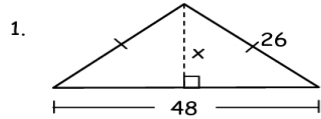


**The Pythagorean Theorem Converse**  
Worksheet

Name \_\_\_\_\_  
Period \_\_\_\_\_

Find the value of  $x$  in each problem. Round your answers to the nearest hundredth.



Classify each triangle as acute, obtuse, or right.

5. 1.8, 7, 8.3

6. 20, 21, 29

9.  $\sqrt{10}$ ,  $\sqrt{6}$ , 4

7. 39, 65, 42

8.  $\sqrt{5}$ , 3, 4

Which of the following groups of numbers are Pythagorean triples?

10. 7, 24, 25

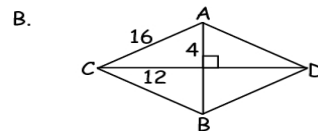
11. 3, 4, 6

12. 84, 85, 13

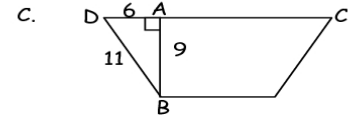
13. Determine which of the following figures  $\overline{AB} \perp \overline{CD}$



Yes / No



Yes / No



Yes / No