

# Geometry

## Section 8-2

### Selected Answers / Solutions

6.) 15, 36, 39

yes, these measures form a right  $\Delta$

yes, these #s are a Pythagorean triple.

8.)  $\sqrt{44}$ , 8,  $\sqrt{108}$

yes; these form a right  $\Delta$

no; these are not a Pythagorean triple.

10.)  $x = 4\sqrt{3}$

12.)  $x = 8\sqrt{41}$

14.)  $x = 20$

(don't let the 2nd  $\Delta$  confuse you!)

20.) yes; these form a right  $\Delta$

yes; these are a Pythagorean triple

22.) no; these do not form a right  $\Delta$

no; these are not a Pythagorean triple

\*4.) about 11.5 inches.