NAME _____ DATE _____

WARM-UP EXERCISES
For use before Lesson 9.3, pages 542–549

Solve the equation for the missing variable. Assume all variables are positive. Express the answer to the nearest tenth.

1. $c^2 = 6^2 + 8^2$
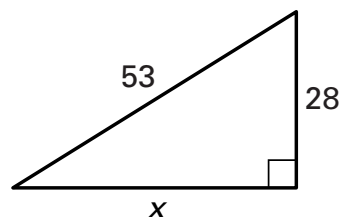
2. $c^2 - 4^2 = 3^2$

3. $c^2 - 10^2 = 16^2$

4. $a^2 + 6^2 = 14^2$

5. $\left(14\sqrt{2}\right)^2 = 14^2 + b^2$

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DAILY HOMEWORK QUIZ
For use after Lesson 9.2, pages 535–541

Use the figure.

1. Find the unknown side length.

2. Tell whether the side lengths form a Pythagorean triple.

Find the area of the figure.

3.