

WARM-UP EXERCISES

For use before Lesson 9.2, pages 535–541

Solve the equation. Express the answer to the nearest tenth.

1. $\frac{8}{c} = \frac{c}{9}$

2. $c^2 = 36$

3. $c^2 = 84.2$

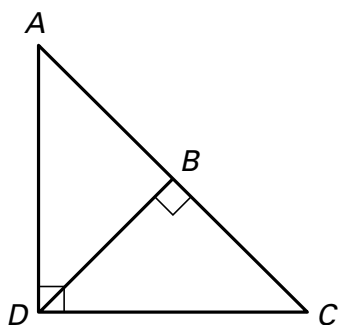
4. $c^2 = 28.2 + 42.1$

5. $c^2 - 81 = 144$

DAILY HOMEWORK QUIZ

For use after Lesson 9.1, pages 527–534

Use the diagram.



- Write similarity statements for the three triangles.
- Complete the proportion.

$$\frac{AD}{DC} = \frac{CB}{?}$$

Find the value of the variable.

3.

