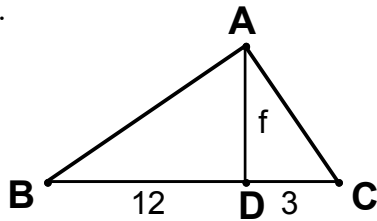


Chapter 7: Right Triangles
Lesson 7-1: Geometric Mean
Homework

name _____
 date _____
 period _____

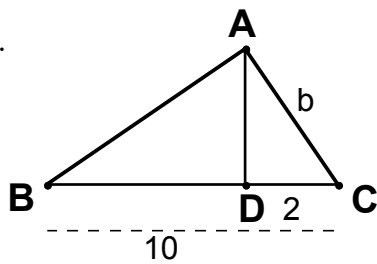
$\triangle ABC$ is a right triangle with $\overline{AD} \perp \overline{BC}$.

1.



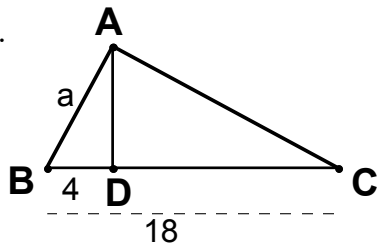
$f =$ _____

2.



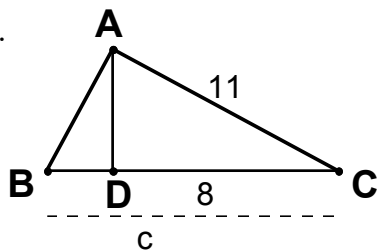
$b =$ _____

3.



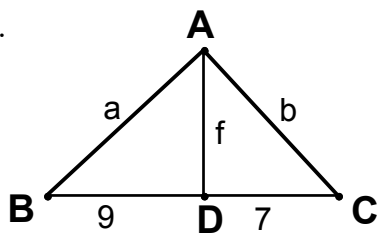
$a =$ _____

4.



$c =$ _____

5.

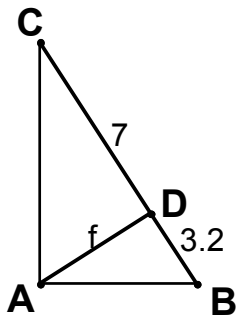


$a =$ _____

$b =$ _____

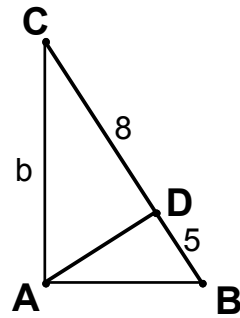
$f =$ _____

6.



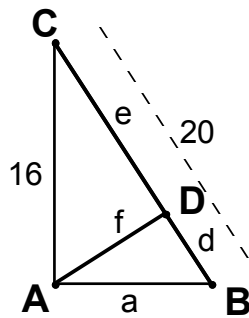
$$f = \underline{\hspace{2cm}}$$

7.



$$b = \underline{\hspace{2cm}}$$

8.



$$e = \underline{\hspace{2cm}}$$

$$d = \underline{\hspace{2cm}}$$

$$f = \underline{\hspace{2cm}}$$

$$a = \underline{\hspace{2cm}}$$

9. Find the geometric mean between 5 and 11.

$$9. \underline{\hspace{2cm}}$$

10. Find the geometric mean between 1 and 100.

$$10. \underline{\hspace{2cm}}$$