

Name _____

Date _____

LESSON 6.6

Practice B

For use with pages 396–403

Use the figure to complete the proportion.

1. $\frac{GC}{CF} = \frac{\quad}{DB}$

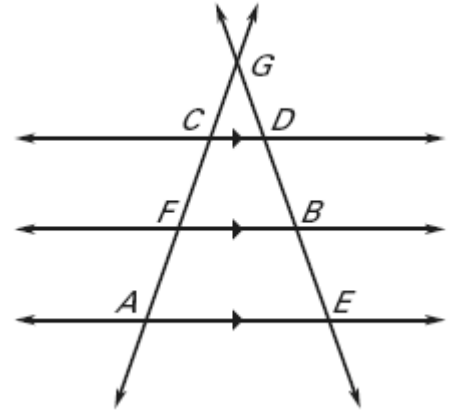
2. $\frac{AF}{FC} = \frac{\quad}{BD}$

3. $\frac{CD}{FB} = \frac{GD}{\quad}$

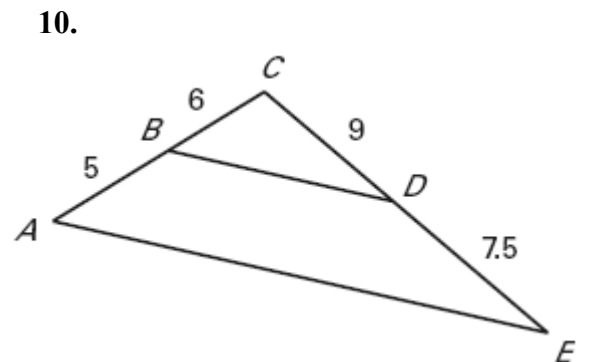
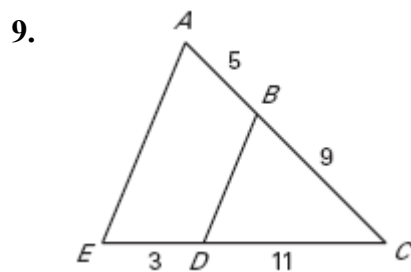
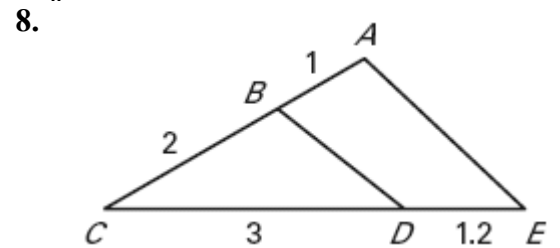
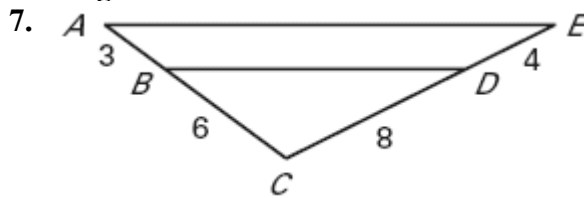
4. $\frac{AE}{CD} = \frac{GE}{\quad}$

5. $\frac{FG}{AG} = \frac{FB}{\quad}$

6. $\frac{GD}{GE} = \frac{\quad}{AE}$

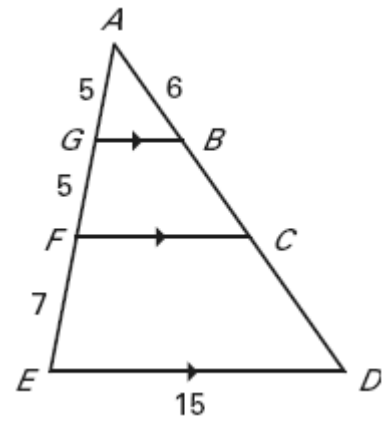


Use the given information to determine whether $\overline{BD} \parallel \overline{AE}$.



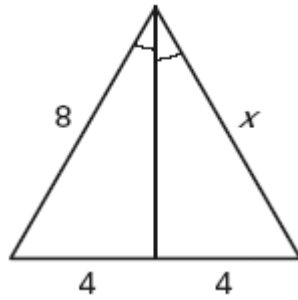
Determine the length of each segment.

11. \overline{BC}
12. \overline{FC}
13. \overline{GB}
14. \overline{CD}

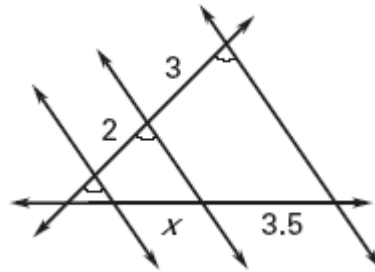


In Exercises 15–18, find the value of x .

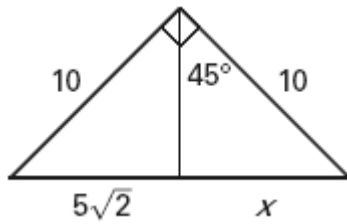
15.



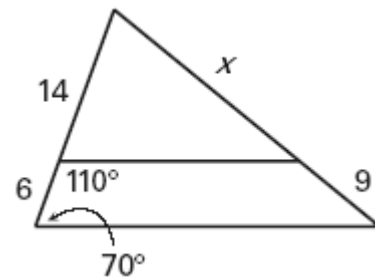
16.



17.



18.



Find the value of the variable.

19. x
20. m
21. a

