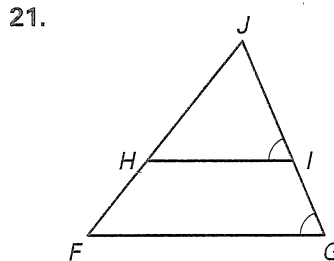
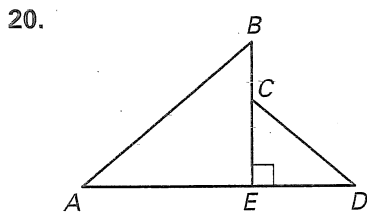
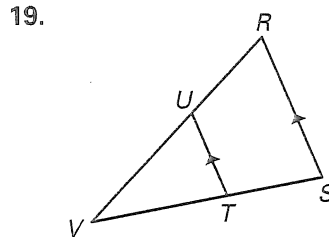
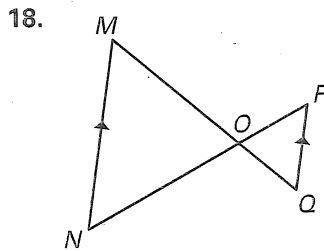
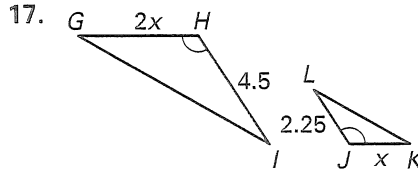
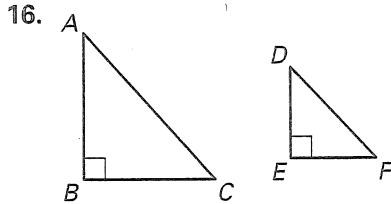


# Chapter Test B

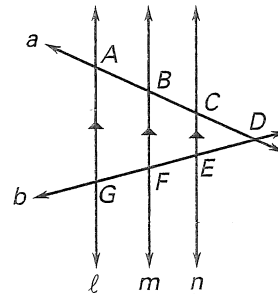
For use after Chapter 8

Are the triangles similar? If so, state the similarity and a postulate or theorem that can be used to prove that the triangles are similar.

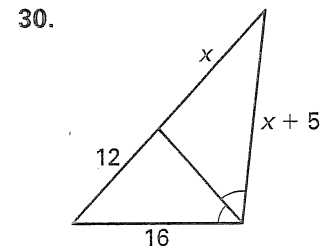
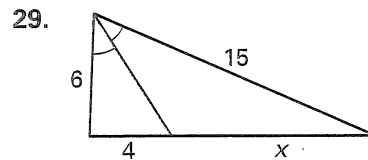
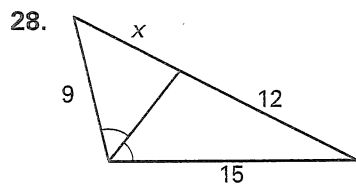


In Exercises 22–27, use the figure shown.

22.  $\frac{AB}{CB} = \frac{?}{?}$       23.  $\frac{AB}{BD} = \frac{?}{?}$   
 24.  $\frac{GF}{GE} = \frac{?}{?}$       25.  $\frac{CD}{AD} = \frac{?}{?}$   
 26.  $\frac{DE}{GF} = \frac{?}{?}$       27.  $\frac{GF}{ED} = \frac{?}{?}$



Find the value of x.



16. \_\_\_\_\_  
 \_\_\_\_\_  
 17. \_\_\_\_\_  
 \_\_\_\_\_  
 18. \_\_\_\_\_  
 \_\_\_\_\_  
 19. \_\_\_\_\_  
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 20. \_\_\_\_\_  
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 21. \_\_\_\_\_  
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 22. \_\_\_\_\_  
 23. \_\_\_\_\_  
 24. \_\_\_\_\_  
 25. \_\_\_\_\_  
 26. \_\_\_\_\_  
 27. \_\_\_\_\_  
 28. \_\_\_\_\_  
 29. \_\_\_\_\_  
 30. \_\_\_\_\_