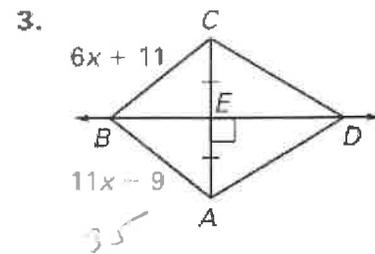
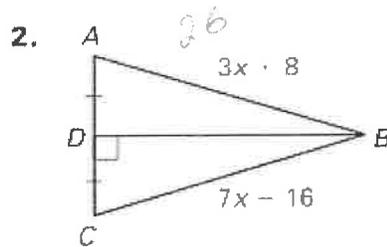
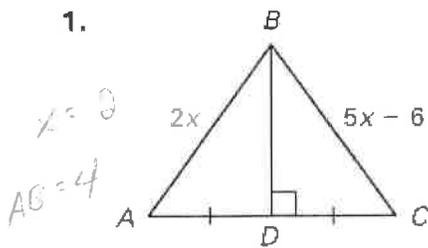
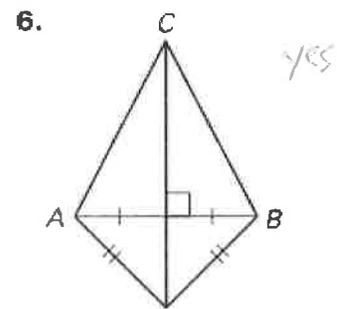
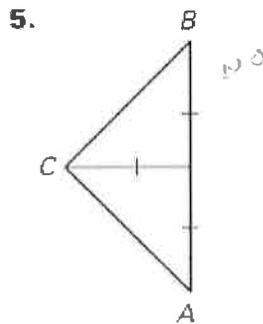
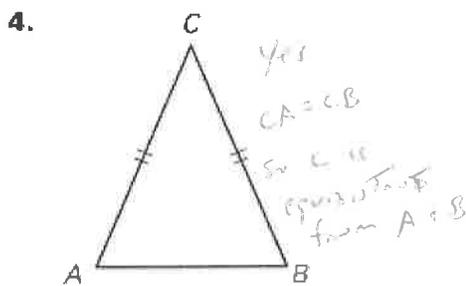


Find the length of  $\overline{AB}$ .

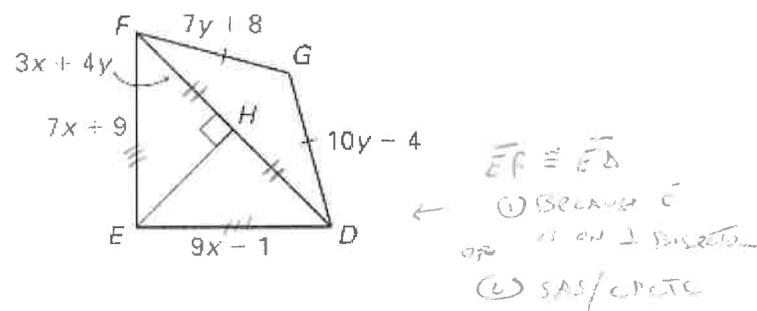


Tell whether the information in the diagram allows you to conclude that  $C$  is on the perpendicular bisector of  $\overline{AB}$ .



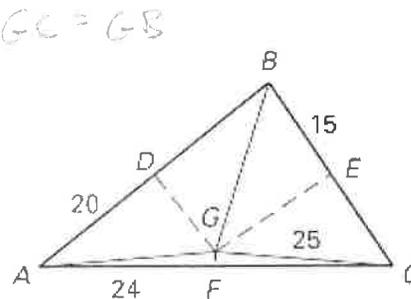
Use the diagram.  $\overline{EH}$  is the perpendicular bisector of  $\overline{DF}$ . Find the indicated measure.

7. Find  $EF$ . 44  
 8. Find  $DE$ . 44  
 9. Find  $FG$ . 36  
 10. Find  $DG$ . 36  
 11. Find  $FH$ . 31  
 12. Find  $DF$ . 62



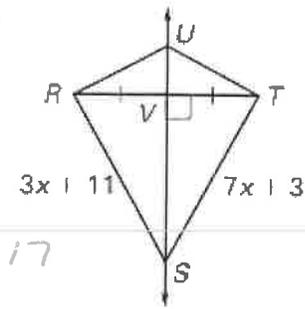
Point  $G$  is the circumcenter of the given triangle. Perpendicular bisectors are indicated by dashed lines.

13. Find  $AG$ . 25  
 14. Find  $BD$ . 20  
 15. Find  $CF$ . 24  
 16. Find  $BG$ . 25  
 17. Find  $CE$ . 15  
 18. Find  $AC$ . 48

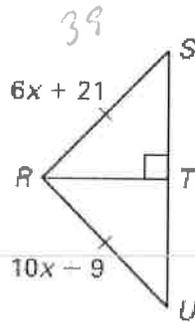


Find the length of  $\overline{RS}$ .

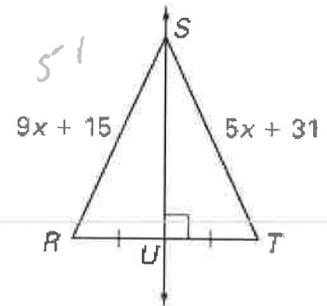
1.



2.



3.



Use the diagram.  $\overline{DE}$  is the perpendicular bisector of  $\overline{AC}$ . Find the indicated measure.

4. Find  $AB$ .  $54$
5. Find  $AE$ .  $40$
6. Find  $AD$ .  $76$
7. Find  $BC$ .  $54$
8. Find  $AC$ .  $80$
9. Find  $CD$ .  $76$

