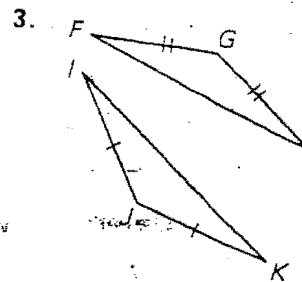
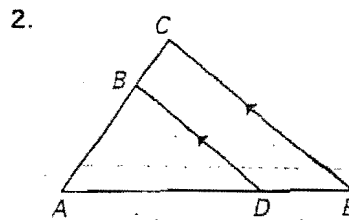
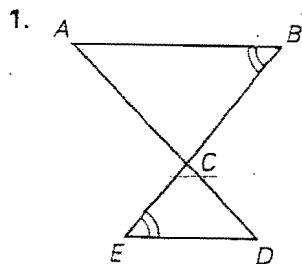
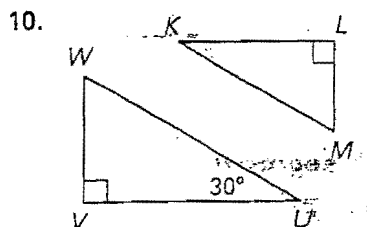
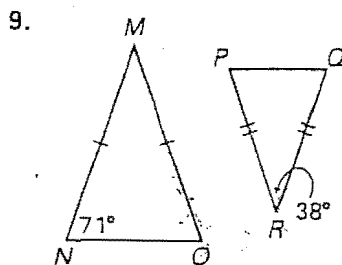


8.4 Review

The triangles shown are similar. List all the pairs of congruent angles and write the statement of proportionality.

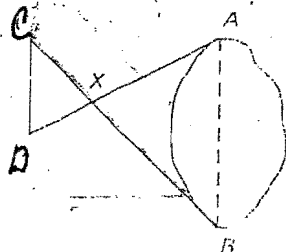


Determine whether the triangles can be proved similar. If they are similar, write a similarity statement. If they are not similar, explain why.



8.5 Review

3. Find the distance across the lake shown if $CO = 120$ ft, $DX = 90$ ft, $AX = 180$ ft, and $\overline{AB} \parallel \overline{CD}$.



Use the diagram shown to complete the statements.

7. $m\angle DGE = ?$

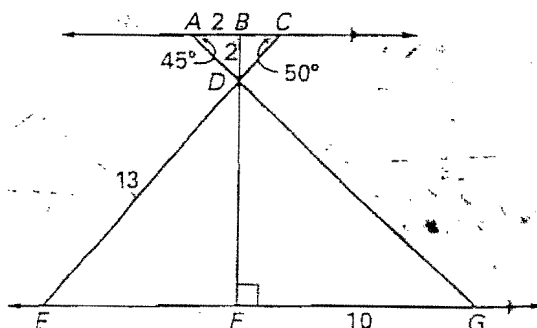
8. $m\angle EDG = ?$

9. $FD = ?$

10. $GD = ?$

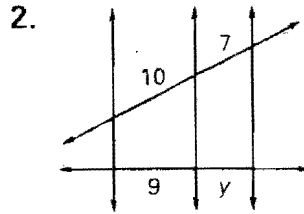
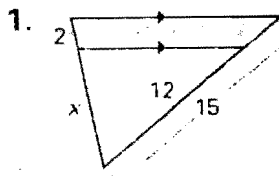
11. $EG = ?$

12. Name the three pairs of triangles that are similar in the figure.

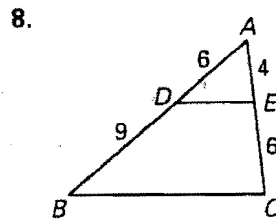
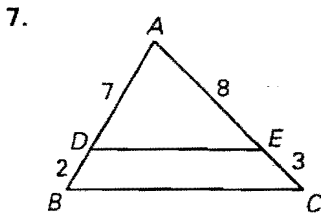


8.6 Review

Find the value of the variable.



Determine whether the given information implies $\overline{BC} \parallel \overline{DE}$. Explain.



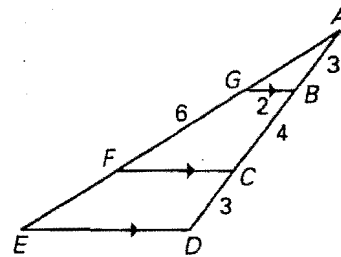
Determine the length of each segment.

10. \overline{AG}

11. \overline{FC}

12. \overline{ED}

13. \overline{AE}



Find the value of the variable.

