

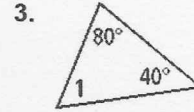
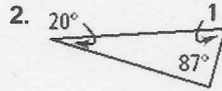
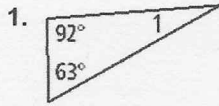
HW 10

**Practice**

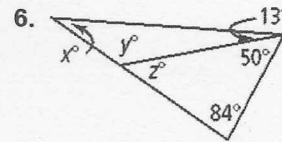
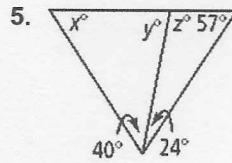
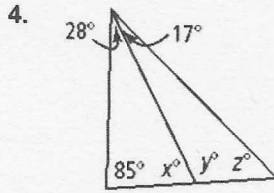
Form G

Parallel Lines and Triangles

Find  $m\angle 1$ .

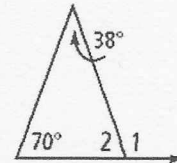


**Algebra Find the value of each variable.**

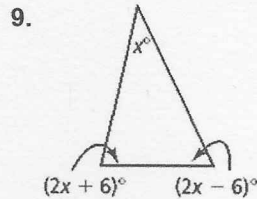
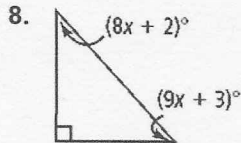


7. Use the diagram at the right to answer the questions.

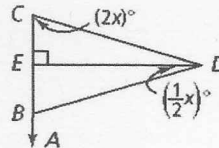
- Which angle is an exterior angle?
- What are its remote interior angles?
- Find  $m\angle 1$  and  $m\angle 2$ .



**Find the value of the variables and the measures of the angles.**



10. In the figure at the right,  $\overline{ED} \perp \overline{CB}$  and  $\overline{ED}$  bisects  $\angle CDB$ . Find  $m\angle DBA$ .



11. **Reasoning** What is the measure of each angle in an isosceles right triangle? Explain.

12. The ratio of the angle measures of the acute angles in a right triangle is 2 : 3. Find the measures of the acute angles.