Chapter 4 Review
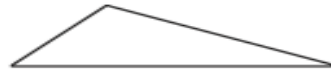

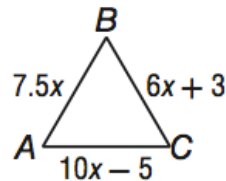**1. Which best describes the type of triangle shown?**   **Answers**

    A) acute scalene   **B) acute isosceles**   **C) obtuse scalene**   **D) equilateral right**   **1. _____**

2. What is the value of x if $\triangle ABC$ is equilateral?

    2. _____

Use the figure at the right for numbers 3-6.

3. What is the value of $\angle 1$?   **3. _____**
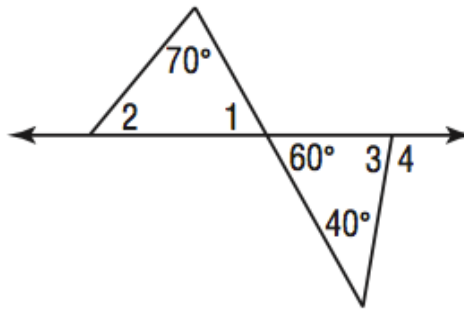
4. What is the value of $\angle 2$?   **4. _____**

5. What is the value of $\angle 3$?   **5. _____**

6. What is the value of $\angle 4$?   **6. _____**
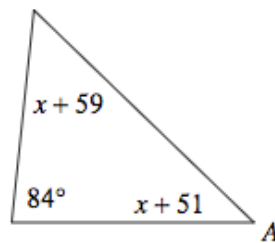
7. If $\triangle CJW \cong \triangle AGS$, $m\angle A = 50$, $m\angle J = 45$, and $m\angle S = 16x + 5$, what is the value of x?   **7. _____**

    draw two triangles

8.   Find the measure of angle A.   **11. _____**

9. $\overline{NP}$ bisects $\angle N$ and $\angle P$. In the figure, $m\angle N = 50$ and $m\angle P = 100$. What is the measure of $m\angle M$?

    13. _____