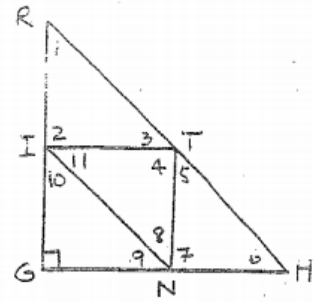


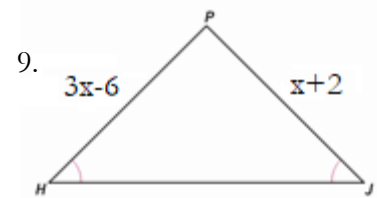
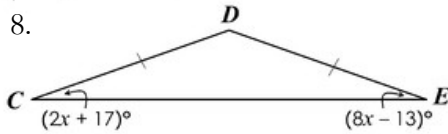
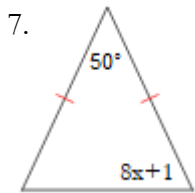
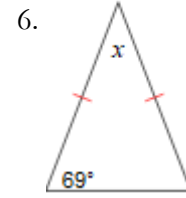
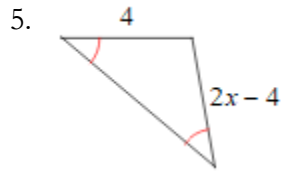
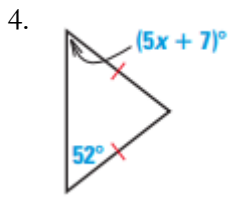
Unit 2 Lesson 10 Homework: Isosceles Triangles

Use the diagram provided to answer the questions.

1. If  $\angle 5 \cong \angle 6$ , which sides are congruent? \_\_\_\_\_ and \_\_\_\_\_
2. If  $\overline{RG} \cong \overline{HG}$ , which angles are congruent? \_\_\_\_\_ and \_\_\_\_\_
3. If  $\overline{RG} \cong \overline{HG}$ , what is  $m\angle 1$ ? \_\_\_\_\_



Find the value of x. Show all work!



Find the value of x and y. Show all work!

