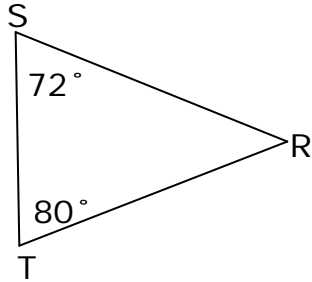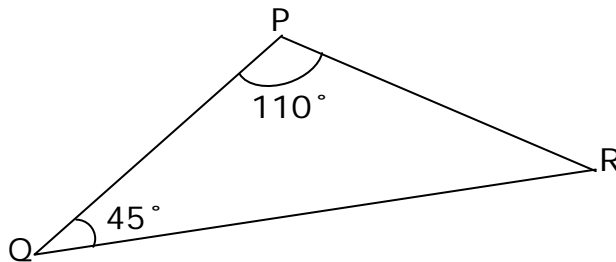Name _____   Date _____

Proving Triangle Theorems - Matching Worksheet

Write the letter of the answer that matches the problem.

_____ 1. Find the value of A in the diagram below.   a.   ∠R=25°

S

72°

R

80°

T

_____ 2. Prove: Triangle Sum Theorem   b.   ∠x=60°
          Find the measure of ∠B.

P

110°

R

45°

Q

_____ 3. The triangle is isosceles triangle .So   c.   ∠SRT=28°
          calculate the value of x in the diagram.

x

60°