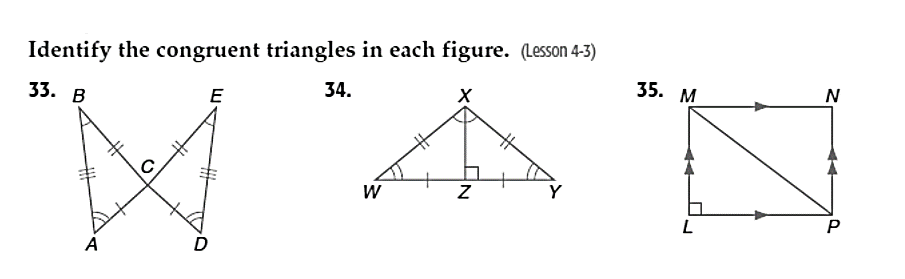
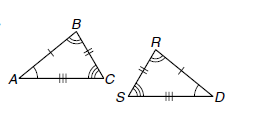
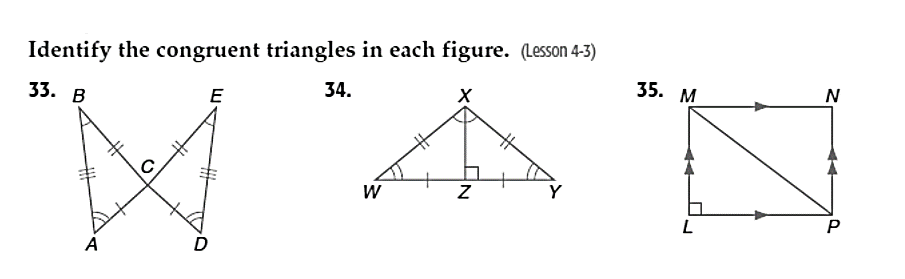
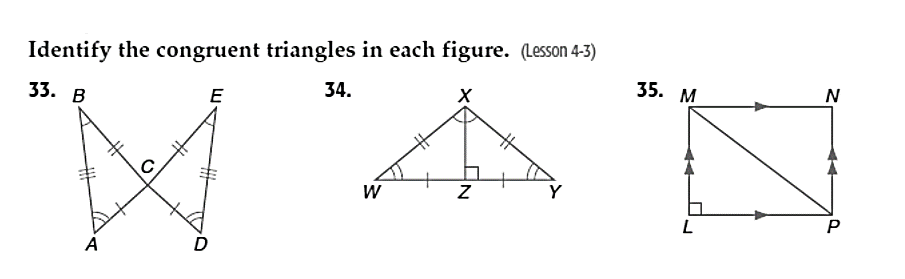
**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_ HR: \_\_\_\_\_**

**Congruent Triangles: HW**

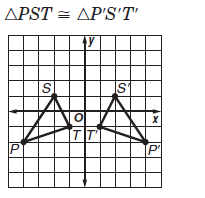
1) Identify the congruent triangles in the given figure

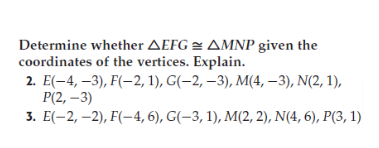


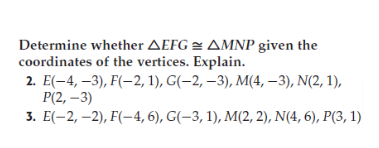
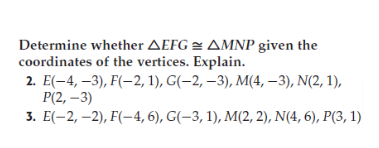
∆ABC≅\_\_\_\_\_\_\_\_\_\_\_\_ ∆ABC≅\_\_\_\_\_\_\_\_\_\_\_\_ ∆XYZ≅\_\_\_\_\_\_\_\_ ∆MLP≅\_\_\_\_\_\_\_\_\_\_\_\_

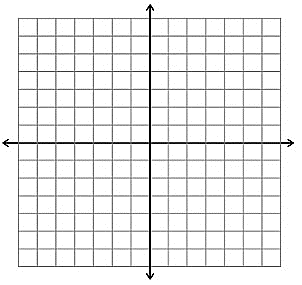
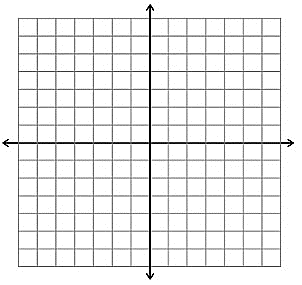
2) Verify that the following transformation preserves congruence.

a.

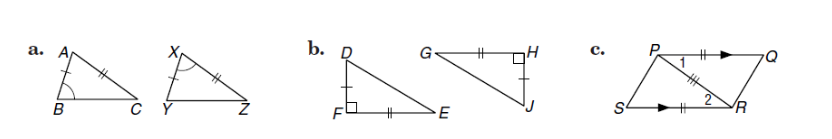


****

b. c.



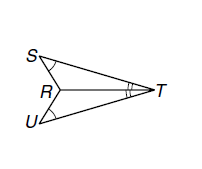
Use the given information to identify the congruent triangles. Describe what congruence shortcut you used and what angles or sides you know are congruent.

****

**3.**

**a. Short cut congruence used \_\_\_\_\_\_\_\_\_\_**

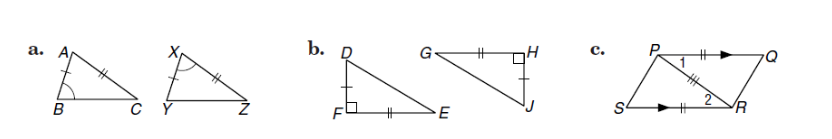
**b. Name the 3 congruent corresponding parts:**

****

**4.**

**a. Short cut congruence used \_\_\_\_\_\_\_\_\_\_**

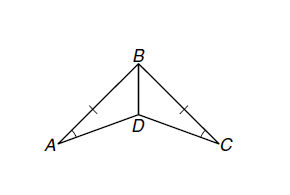
**b. Name the 3 congruent corresponding parts:**

****

**5.**

**a. Short cut congruence used \_\_\_\_\_\_\_\_\_\_**

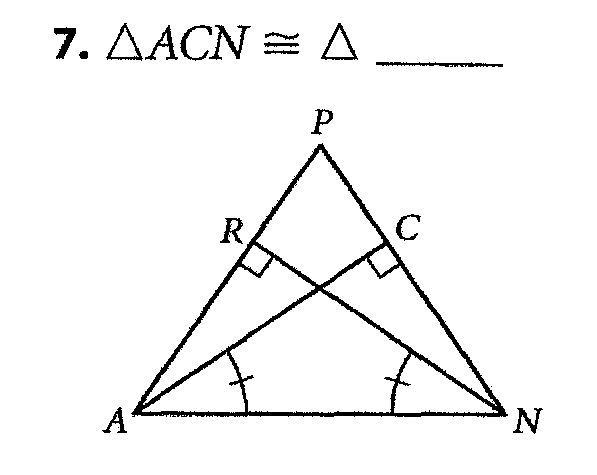
**b. Name the 3 congruent corresponding parts:**

****

**6.**

**a. Short cut congruence used \_\_\_\_\_\_\_\_\_\_**

**b. Name the 3 congruent corresponding parts:**

****

7.

**a. Short cut congruence used \_\_\_\_\_\_\_\_\_\_**

**b. Name the 3 congruent corresponding parts:**