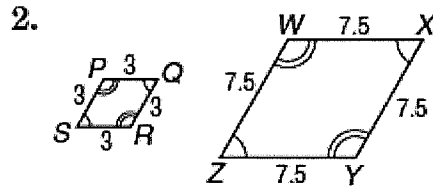
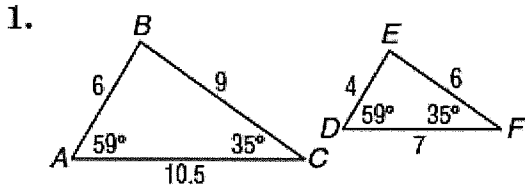


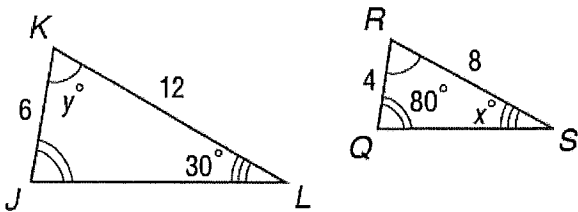
Name: _____

7.1 and 7.2 Homework

Determine whether each pair of figures is similar. Justify your answer.



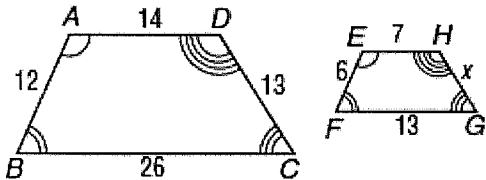
3. Given the two polygons are similar, find x and y .



Directions (#4-7):

- A. Write the similarity statement.
- B. Find the scale factor.
- C. Find x .
- D. Find the measure of the indicated side

4. \overline{GH}



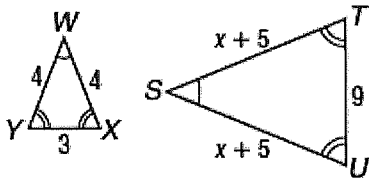
A. Quad ABCD _____

B. _____

C. _____

D. GH= _____

5. \overline{ST} and \overline{SU}



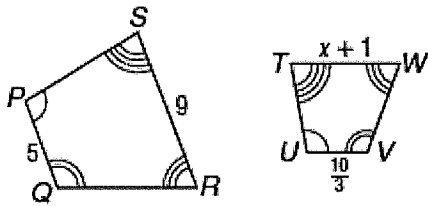
A. $\Delta XYW \sim$ _____

B. _____

C. _____

D. $ST =$ _____ $SU =$ _____

6. \overline{WT}



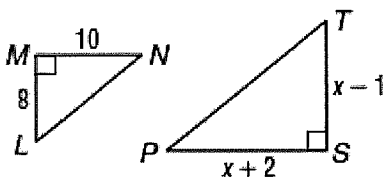
A. Quad PQRS \sim _____

B. _____

C. _____

D. $WT =$ _____

6. \overline{TS} and \overline{SP}



A. $\Delta LMN \sim$ _____

B. _____

C. _____

D. $TS =$ _____ $SP =$ _____