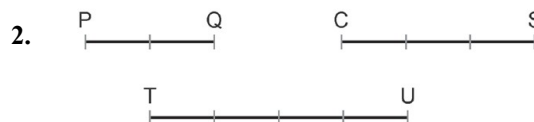
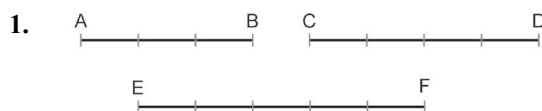


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 Date Started: _____ Date Completed: _____ Score: _____

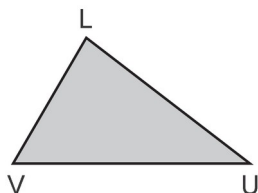
Learning Activity Sheet SSS POSTULATE

Read and analyze each part and answer the questions. Write your answers in the answer sheet provided on the next page.

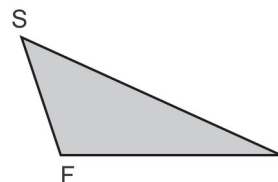
A. Construct a triangle with sides congruent to the given segments



3. Construct a triangle congruent to $\triangle LUV$.



4. Construct a triangle congruent to $\triangle FIS$.



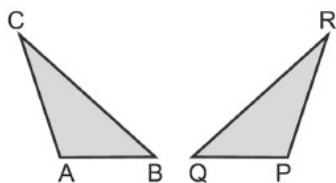
B. Determine if each pair of triangles is congruent. Justify your answer.

5. The vertices of $\triangle ABC$ are $A(3, 5)$, $B(6, 2)$, and $C(2, 1)$, and the vertices of $\triangle XYZ$ are $X(-3, 4)$, $Y(-6, 1)$, and $Z(-2, 0)$.

6. The vertices of $\triangle PQR$ are $P(-1, 1)$, $Q(0, 8)$, and $R(2, 5)$, and the vertices of $\triangle DEF$ are $D(3, 3)$, $E(5, 5)$, and $F(8, 3)$.

C. Use the given information to identify which pairs of triangles are congruent.

7. **Given:** $\overline{AB} \cong \overline{PQ}$, $\overline{BC} \cong \overline{QR}$, and $\overline{AC} \cong \overline{PR}$



8. **Given:** $\overline{RN} \cong \overline{OB}$ and I is the midpoint of \overline{RO} and \overline{BN} .

