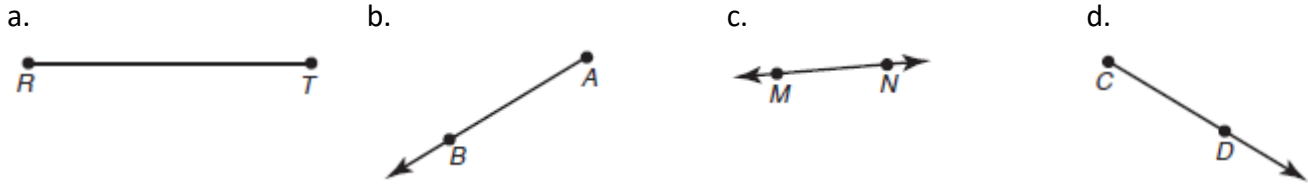


1. Use proper geometry symbols to name each figure.



2. Draw and label an example of each geometric figure.



3. Draw a figure that represents each description. Label all points and/or lines mentioned in the description.

a. Points R, S, and T are collinear such that T is between points R and S.

b. \overline{AD} and \overline{PQ} intersect at point R such that \overline{AD} is perpendicular to \overline{PQ} .

c. \overline{CD} passes through point H and is parallel to line t.

Constructions:

4. Construct and label segment AB as a copy of line segment GH. Write a **congruency** statement for the segments.

Duplicate \overline{GH} .



5. Construct and label segment PQ, whose length is double line segment JK. Write an **equality** statement that expresses the relationship between segment JK and segment PQ.

Construct a line segment twice the length of \overline{JK} .



6. Construct and label an **equilateral triangle** with sides the length of JK.



7. Construct and label **isosceles triangle** DEF such that $\overline{DE} \cong \overline{AB}$, $\overline{EF} \cong \overline{AB}$, and $DF = JK$.

