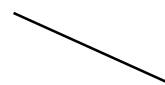Assignment 8.5   Geometry Constructions & Congruence

1.   Construct a parallelogram using   2.   Construct a square.
        the given side lengths.
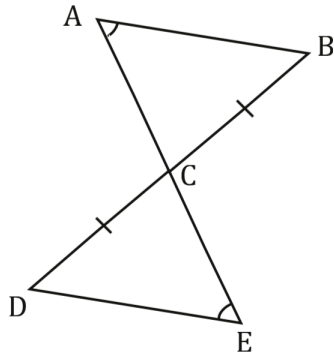
3.   Explain why AAA cannot be used to prove congruence.

4.   Make a basic proof of why these triangles are congruent.

        a.
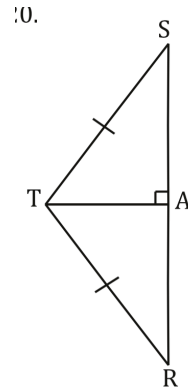
        b.
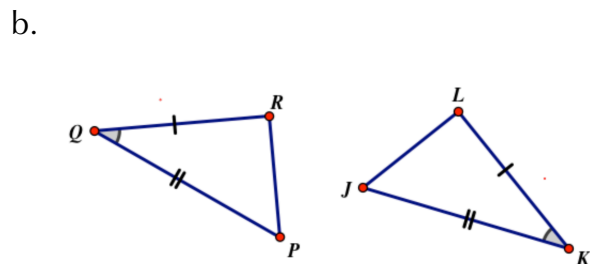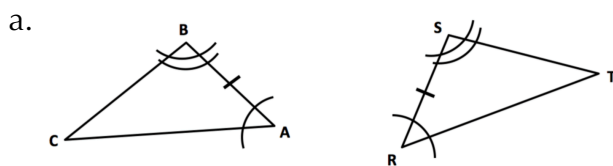
5.   Make a basic proof of why these triangles are congruent.

a.

b.   ℃.

6.   The relationships that you can use to prove congruence are:

Refresh Your Memory

7.   Solve each equation for t.

a. $\dfrac{3t-4}{5} = 5$

b. $10 - t = 4t + 12 - 3t$

c. $P = 5t - d$

d. $xy - t = 13t + w$