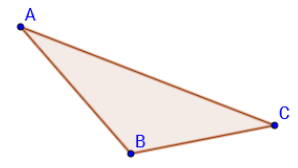
**Geometry U 2-1 Three Sides for the Triangle Put all work and responses on another paper.**

1] [a] Construct a copy of this triangle on

your paper.

[b] Is it possible for someone else to copy

the three sides of this triangle but end up

with a different shape? Explain your response.

2] Suppose you have three segments that are

18 inches, 27 inches, and 3 inches long.

[a] How many triangles are possible with these three segments as sides?

JUSTIFY your response.

[b] Draw as many different triangles as you can with these three segments for sides.

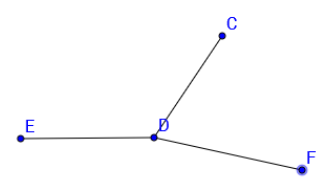
3] Suppose you have three segments that are

2 inches, 2 inches, and 3 inches long.

[a] How many triangles are possible with these three segments as sides?

JUSTIFY your response.

[b] Draw as many different triangles as you can with these three segments for sides.

4] With your protractor, measure / CDF

in degrees.

5] Construct a copy of / CDF.

Show your arc marks.

6] Bisect your copy of / CDF. Show your arc marks.

7] Explain in words what the Side-Side-Side

Postulate means.