

Geometry – Unit 1 Practice  
Constructions - Line Segments

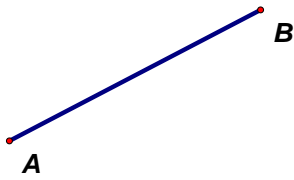
G.CO.D.12

Name: \_\_\_\_\_!

Date: \_\_\_\_\_ Pd: \_\_\_\_\_

1) Construct a line segment congruent to each given line segment.

a)

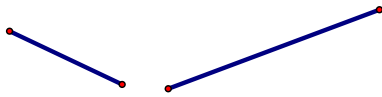


b)

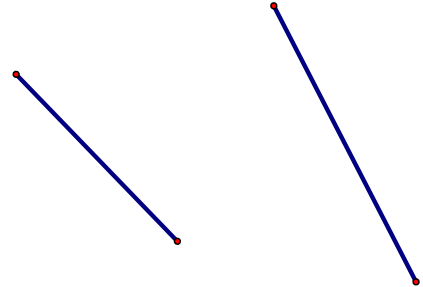


2) Construct a line segment whose length is equal to the sum of the lengths of the given line segments.

a)



b)

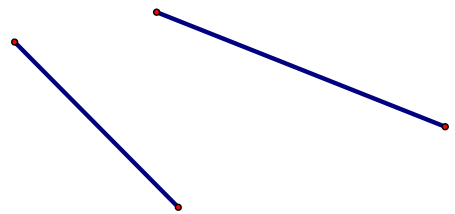


3) Construct a line segment whose length is equal to the difference of the lengths of the given line segments.

a)



b)



4) Construct a line segment the given number of times longer than the given segment.

a) Twice (double,  $2\times$ )



b) 5 times



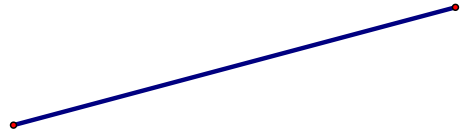


5) Construct a line segment half as long as the given line segment.

a)

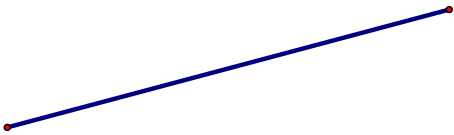


b)

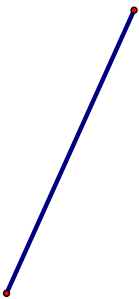


6) Divide each line segment into the number of equal parts specified.

a) 5 equal parts



b) 3 equal parts



c) 4 equal parts\* (two different ways)

