Geometry 1.2 Practice A Name_____ Date:_____

Write the Segment Addition Postulate for the points described. Draw a picture to help.

1. S is between D and P

2. J is between S and H

C is between A and E. For each problem, draw a picture representing the three points and the information given. Solve for indicated.

3. If AC = 24 in. and CE = 13 in., AE = _____. 4. If CE = 7in. and AE = 23 in., AC = _____.

Use the figure to write the segment addition postulate, write an equation and solve for x.



If U is between T and B, find the value of x and the lengths of the segments. Draw a picture, write the segment addition postulate, write an equation and solve.



TB = _____ TB = _____

O is the midpoint of segment FG. Draw a picture, write an equation and solve. Find the length of each segment.

9. FO = 3x + 17, OG = 7x - 15

10. FO = x + 10, FG = 3x + 10

x =	× =
FO =	FO =
OG =	OG =
FG =	F <i>G</i> =