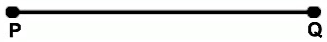
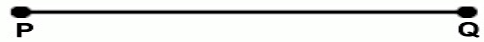
Geometry Name: _____

1.2 Bookwork p. 17

Use a ruler to measure each segment PQ to the nearest 8^{th} of an inch. Then, construct a copy of each line segment $\overline{PQ}$ using a straightedge and a compass.

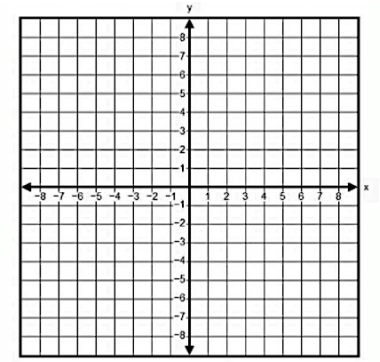
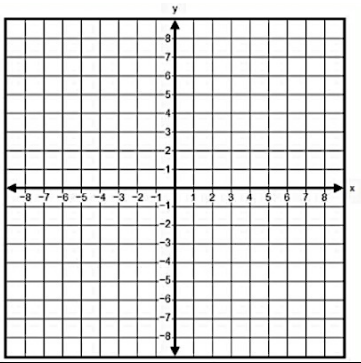
A.  Measure: _____ Construct:	B.  Measure: _____ Construct:

p. 60

1.

p. 17

2. Which one is different? _____   Both answers: _____ and _____

10. Congruent? Yes or No 	12. Congruent? Yes or No 

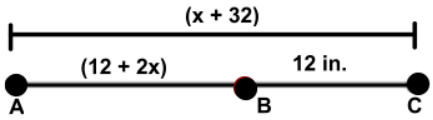
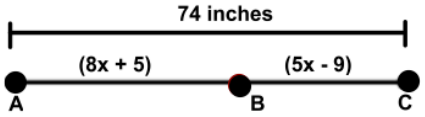
16.	18.
20.	22.
24.	25.
26 a.	26 b.

28 a.	28 b.

Make a sketch of each segment $\overline{RT}$, write an equation to find the value of x, solve for x and find the measure of RS, ST, and RT.

29 a. Sketch: Write and equation to solve for x: ST: _____ and RS: _____	29 d. Sketch: Write and equation to solve for x: RT: _____ and ST: _____

Point *B* is between *A* and *C* on $\overline{AC}$. Use the information to write an equation in terms of *x*. Then solve the equation and find *AB*, *BC*, and *AC*

C.  Write and equation to solve for x: AB: _____ and AC: _____	D.  Write and equation to solve for x: AB: _____ and BC: _____

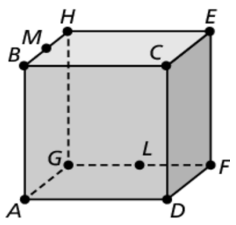
Review.

1. a. Name a point that is coplanar with points *A*, *D*, and *G*. _____

   b. Name the intersection of plane *HEG* and plane *DFE*. _____

   c. Name a point that is collinear with *BH*. _____

   d. Name a point that is *not* coplanar with points *C*, *E*, and *M*. _____



4. Simplify the radical. $-2\sqrt{32}$	5. Simplify the radical. $\sqrt{54}$