Date: _____

1-3   Measuring Segments
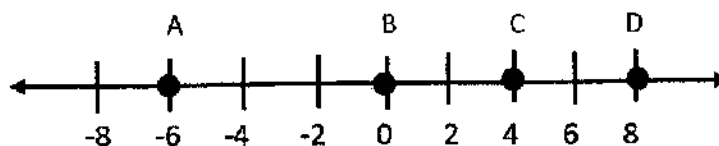
Warm Up:

Objective: To find and compare lengths of segments.

Ruler Postulate –

Example: Find the distance between the following points.
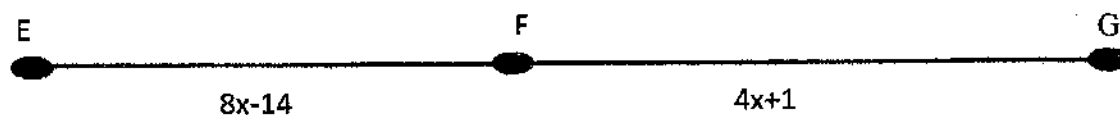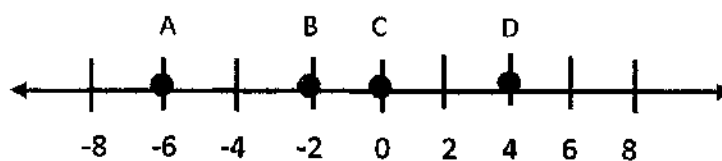
A and B

B and C

A and D

Segment Addition Postulate –

Example: If EG = 59, what are the lengths of EF and FG?

Congruent Segments –

Example: What segments are congruent?

```
                  A           B    C         D
   ←——+——●——+——●——●——+——●——+——+——→
      -8  -6  -4  -2   0   2   4   6   8
```

Midpoint –

Example: Ray AB *bisects* segment RP at point C. What is RP?