1-3 Measuring Segments

Postulate: is an accepted statement or fact used as basic building blocks in geometry.

Ruler Postulate:

Every point on a line can be paired with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The number that corresponds to a point is called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

The distance between two points is:

This value is the **length of the line segment**.

Screen Shot 2015-08-27 at 11.45.54 AM.png

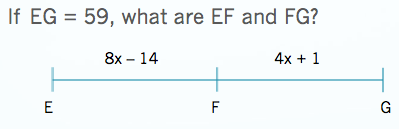
Example 1:

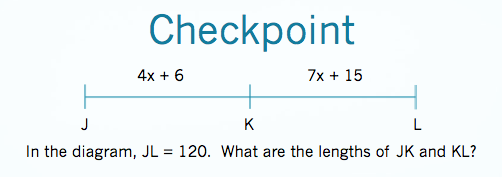
|  |  |  |
| --- | --- | --- |
| Length of ST | Length of UV | Length of SV |

Segment Addition Postulate:

Meaning: You can add the length of 2 or more segments to get the length of a longer segment.

Example 2



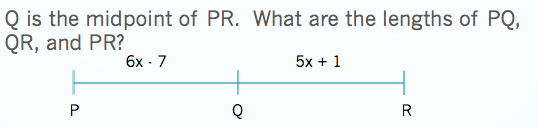


Congruent Segments:

Midpoint:

Segment Bisector:

Example 4



Assignment: Pg 24 #8-22 even, 26, 39-41