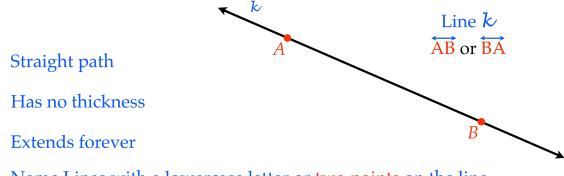
lame	
ate	Period

What is a Line?

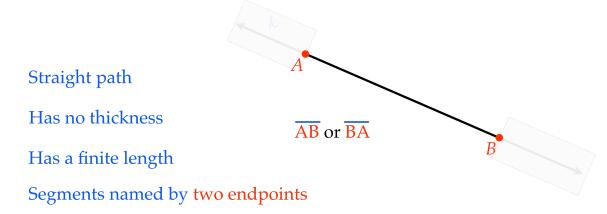
an infinitely-extending one-dimensional figure that does not curve



Name Lines with a lowercase letter or two points on the line.

What is a Line Segment?

A part of a line that consists of two points, called endpoints.



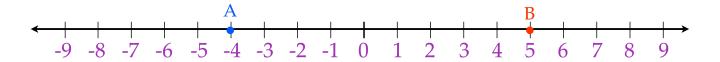
Distance

How do we measure the distance between two points on a line segment?



Distance

How do we measure the distance between two points on a line segment?

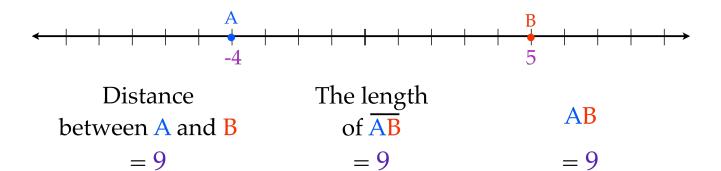


The distance between two points is the absolute value of the difference of their coordinates.

Distance between A and B:
$$|-4-5|$$
 or $|5-(-4)|$
= 9

Distance

How do we measure the distance between two points on a line segment?



All are the same thing.

Congruent Segments

If two segments have the same length, they are congruent.

$$CB = 4$$
 $BE = 4$

 $\overline{\text{CB}}$ and $\overline{\text{BE}}$ are congruent segments. $\overline{\text{CB}} \cong \overline{\text{BE}}$