

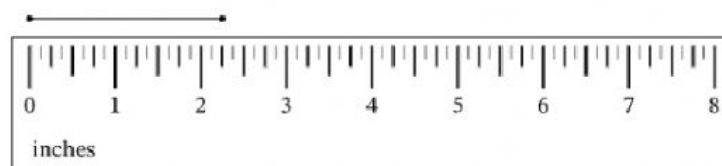
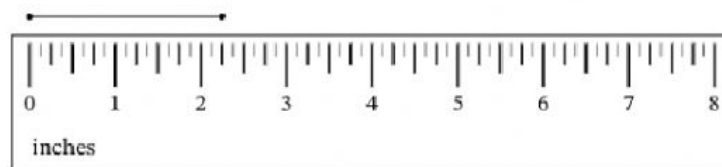
## Advanced\_Grade-3\_Lines and Polygons

### Congruent Line Segments

**Q1:** What does it mean if two line segments are congruent?

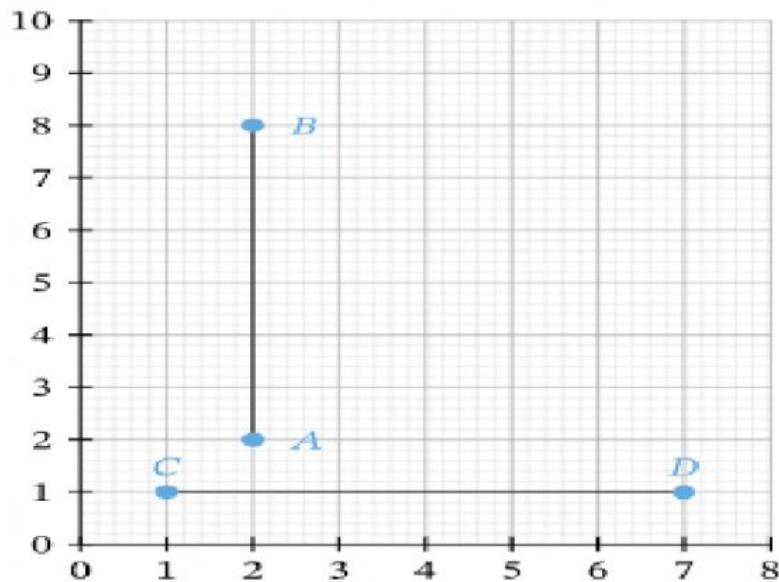
- ☐ A They have different lengths.
- ☐ B They have different measures.
- ☐ C They have the same measure.
- ☐ D They have the same length.

**Q2:** Are the given lines congruent?

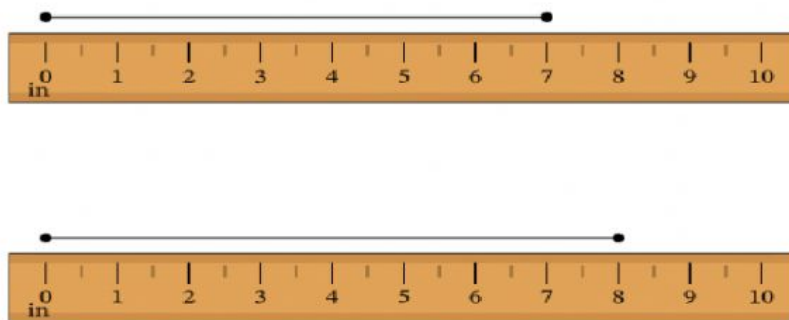


- ☐ A Yes
- ☐ B No

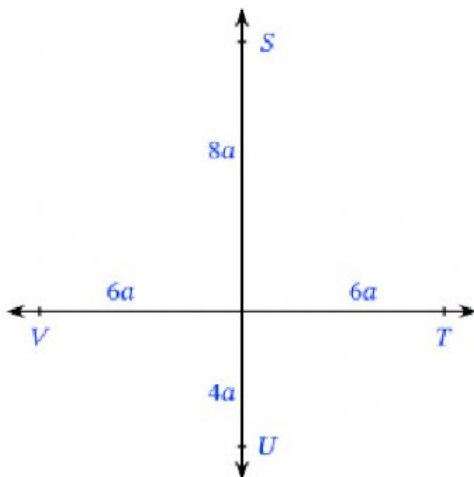
**Q3:** Are the two line segments congruent?



**Q4:** Are the two line segments congruent?



**Q5:** Are  $SU$  and  $VT$  congruent?



**Q6:** Use  $\cong$ ,  $\parallel$ ,  $<$ , or  $>$  to fill in the gap: If  $C$  is the midpoint of  $\overline{AB}$ , then  $\overline{AC}$  \_\_\_\_\_  $\overline{BC}$ .

- ☐ A  $\cong$
- ☐ B  $>$
- ☐ C  $\parallel$
- ☐ D  $<$

**Q7:** Given that  $\overline{AB} \equiv \overline{XY}$ , what is  $AB - XY$ ?

- ☐ A  $\frac{1}{2}AY$
- ☐ B  $\frac{1}{2}AB$
- ☐ C  $AB$
- ☐ D zero