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Advanced_Grade-3_Lines and Polygons

Congruent Line Segments

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

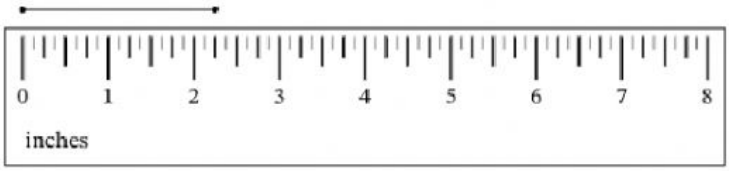
A They have different lengths.

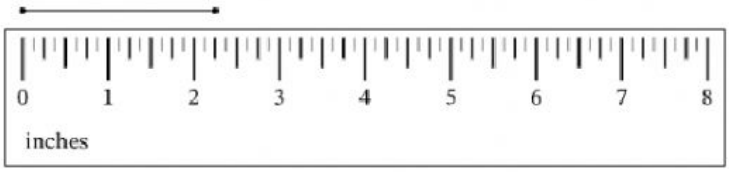
B They have different measures.

C They have the same measure.

D They have the same length.

Q2: Are the given lines congruent?





A Yes

B No

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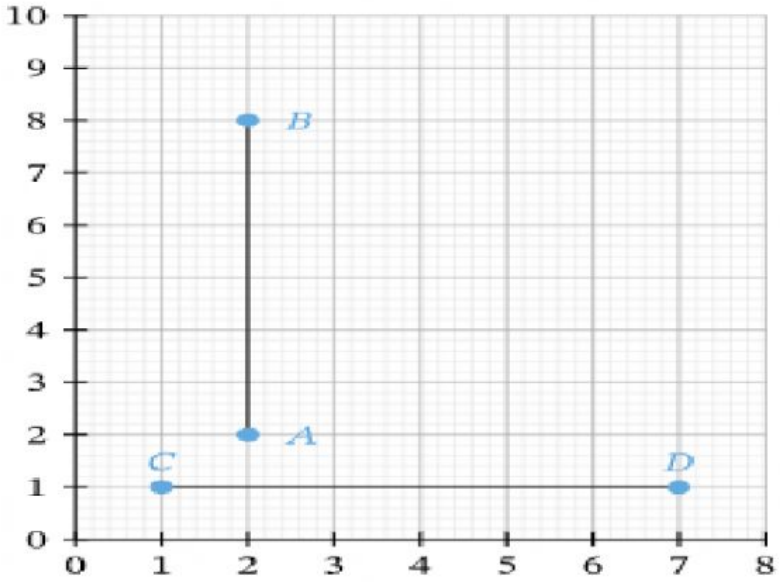
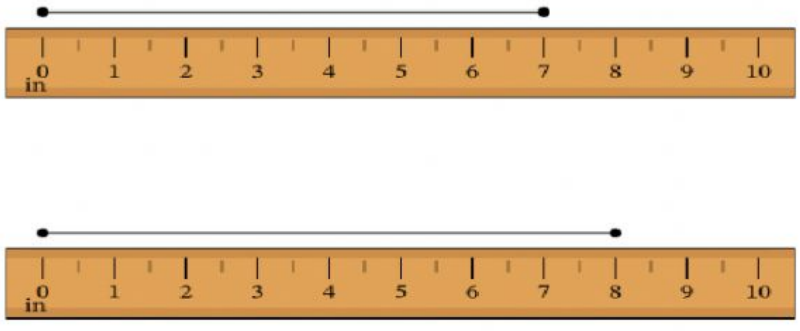
Q3: Are the two line segments congruent?



Q4: Are the two line segments congruent?



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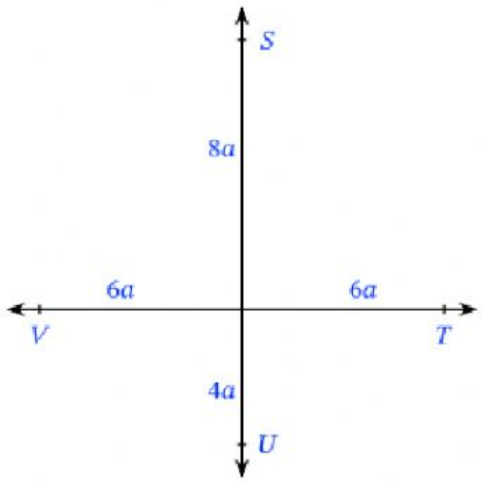
Q5: Are SU and VT congruent?



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

A $\cong$

B $>$

C $\|$

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