

## Supplementary & Congruent Angles

- A) In the figure below, two parallel lines are cut by a transversal. State whether the following pairs of angles are supplementary or congruent.

a)  $\angle 4$  and  $\angle 8$  are \_\_\_\_\_.

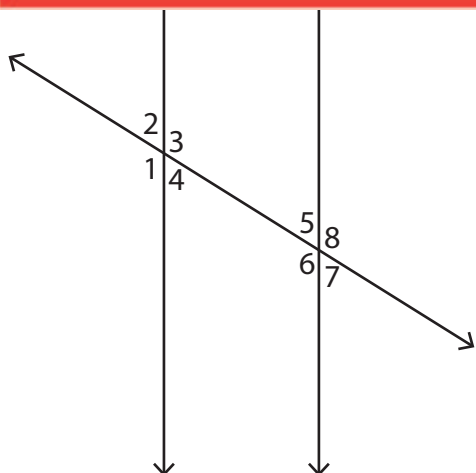
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B)



b) If  $m\angle 3 = 122^\circ$ , what is the measure of  $\angle 6$ ?

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c) If  $m\angle 4 = 58^\circ$ , what is the measure of  $\angle 7$ ?

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d) If  $m\angle 5 = 58^\circ$ , what is the measure of  $\angle 8$ ?

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