

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) $\angle 2$ and $\angle 7$ are _____.

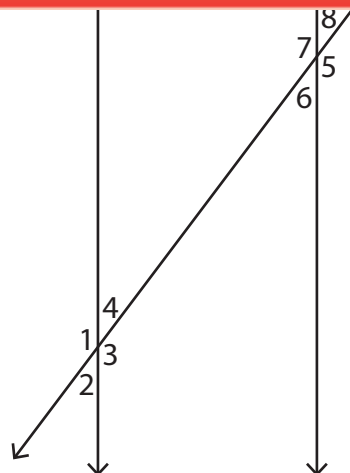
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B)



b) If $m\angle 1 = 143^\circ$, what is the measure of $\angle 7$?

c) If $m\angle 2 = 37^\circ$, what is the measure of $\angle 6$?

d) If $m\angle 1 = 143^\circ$, what is the measure of $\angle 5$?
