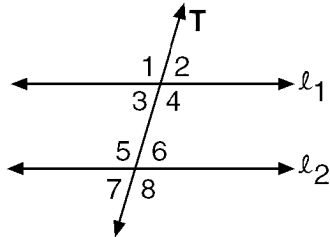


Name: _____

CC Geometry Homework

Questions 1 through 3 refer to the following:

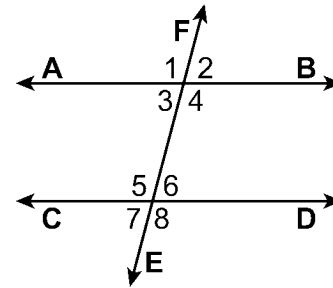


- 1) $\angle 1$ and $\angle 5$ can be classified as
 - A) alternate interior angles
 - B) corresponding angles
 - C) interior angles on the same side of the transversal
 - D) none of these

- 2) $\angle 3$ and $\angle 6$ can be classified as
 - A) alternate interior angles
 - B) corresponding angles
 - C) interior angles on the same side as the transversal
 - D) none of these

- 3) $\angle 3$ and $\angle 5$ can be classified as
 - A) alternate interior angles
 - B) corresponding angles
 - C) interior angles on same side of transversal
 - D) none of these

Questions 4 through 7 refer to the following:

In the diagram below, $\overleftrightarrow{AB} \parallel \overleftrightarrow{CD}$.

- 4) If $m\angle 2 = 70^\circ$, what is $m\angle 7$?

A) 70°	C) 180°
B) 110°	D) 20°

- 5) If $m\angle 3 = 60^\circ$, what is $m\angle 7$?

A) 120°	C) 30°
B) 90°	D) 60°

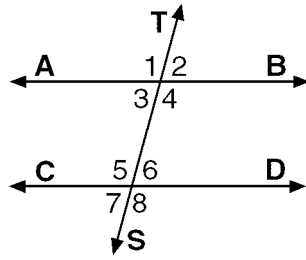
- 6) If $m\angle 4 = 120^\circ$, what is $m\angle 5$?

A) 120°	C) 30°
B) 60°	D) 90°

- 7) If $m\angle 5 = 120^\circ$, what is $m\angle 3$?

A) 30°	C) 60°
B) 180°	D) 120°

8)



If $\overline{AB} \parallel \overline{CD}$ and $m\angle 1 = 130^\circ$, find the measures of the remaining angles in the figure above.

1) B 2) A 3) C 4) A 5) D

6) A 7) C

8) $m\angle 2 = 50^\circ$, $m\angle 3 = 50^\circ$, $m\angle 4 = 130^\circ$, $m\angle 5 = 130^\circ$, $m\angle 6 = 50^\circ$, $m\angle 7 = 50^\circ$, $m\angle 8 = 130^\circ$