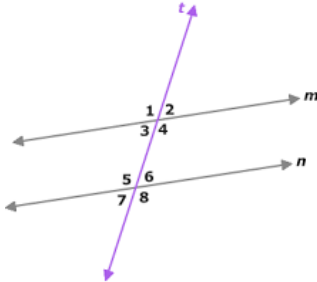


Name: _____

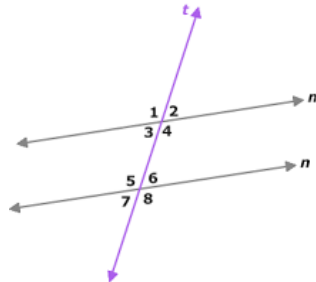
Score: _____

F – Angle Relationships Concept Check

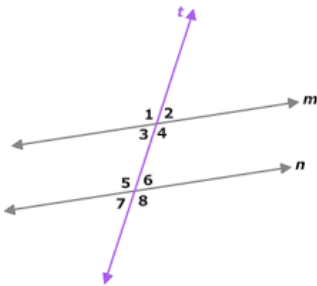
1. Lines **m** and **n** are parallel. $\angle 1 = 100^\circ$.
What is the measure of $\angle 8$?
What is their relationship?



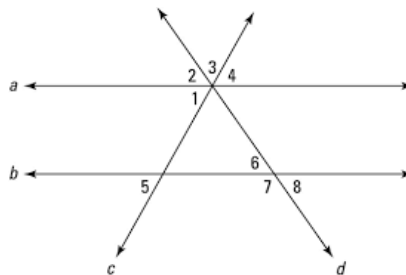
2. Lines **m** and **n** are parallel.
 $\angle 1 = 100^\circ$. What is the measure of $\angle 3$. What is their relationship?



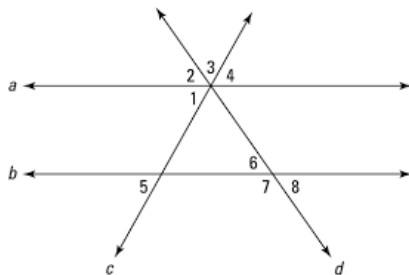
3. Lines **m** and **n** are parallel. $\angle 1 = 100^\circ$.
What is the measure of $\angle 5$?
What is their relationship?



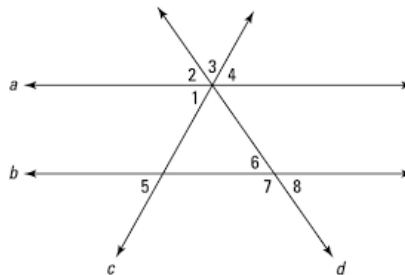
4. Lines **a** and **b** are parallel.
 $\angle 2 = 50^\circ$.
What is the measure of $\angle 6$?



5. Lines **a** and **b** are parallel.
 $\angle 2 = 50^\circ$ and $\angle 3 = 70^\circ$.
What is the measure of $\angle 1$?



6. Lines **a** and **b** are parallel.
 $\angle 2 = 50^\circ$ and $\angle 3 = 70^\circ$.
What is the measure of $\angle 7$?



Answer Key

1. $\angle 8 =$

Relationship:

2. $\angle 3 =$

Relationship:

3. $\angle 5 =$

Relationship:

4. $\angle 6 =$

5. $\angle 1 =$

6. $\angle 7 =$