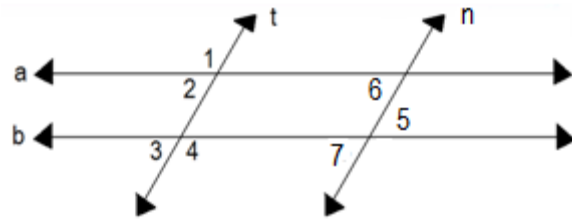


**DAY 31 Exit Slip: ANSWER KEY**

The proof below has several errors. When you find these errors, encircle them and correct them.

**Given:**  $a \parallel b$ ,  $t \parallel n$

**Prove:**  $\text{Angle } 2 \cong \text{Angle } 5$



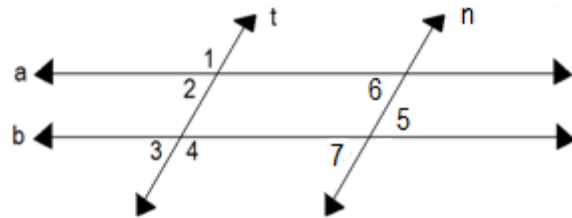
Statements	Reasons
1. $a \parallel b$ , $t \parallel n$	1. given
2. $\text{Angle } 2 \cong \text{Angle } 3$	2. Corresponding Angle <b>Postulate</b>
3. $\text{Angle } 3 \cong \text{Angle } 5$	3. Alternate <b>Exterior</b> Angle Theorem
4. $m\angle 2 = m\angle 3$ $m\angle 3 = m\angle 5$	4. <b>Definition</b> of Congruence
5. $m\angle 2 = m\angle 5$	5. Transitive Property <b>of equality</b>
6. $\text{Angle } 2 \cong \text{Angle } 5$	6. <b>Definition</b> of Congruence

**DAY 31 Exit Slip: ANSWER KEY**

The proof below has several errors. When you find these errors, encircle them and correct them.

**Given:**  $a \parallel b$ ,  $t \parallel n$

**Prove:**  $\text{Angle } 2 \cong \text{Angle } 5$



Statements	Reasons
1. $a \parallel b$ , $t \parallel n$	1. given
2. $\text{Angle } 2 \cong \text{Angle } 3$	2. Corresponding Angle <b>Postulate</b>
3. $\text{Angle } 3 \cong \text{Angle } 5$	3. Alternate <b>Exterior</b> Angle Theorem
4. $m\angle 2 = m\angle 3$ $m\angle 3 = m\angle 5$	4. <b>Definition</b> of Congruence
5. $m\angle 2 = m\angle 5$	5. Transitive Property <b>of equality</b>
6. $\text{Angle } 2 \cong \text{Angle } 5$	6. <b>Definition</b> of Congruence