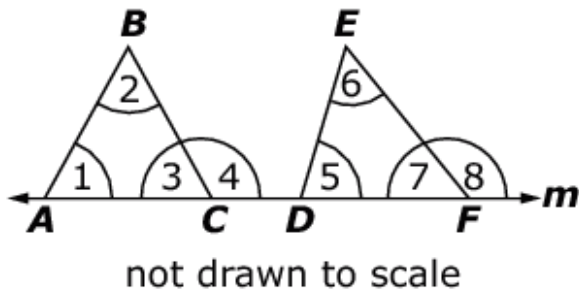


| Item | Claim | Domain | Target | DOK | CONTENT | MP | Key |
|------|-------|--------|--------|-----|---------|------|--------------|
| #21 | 3 | G | F | 2 | 7.G.A.5 | 1, 2 | See exemplar |

1843



The base of triangle ABC and the base of triangle DEF lie on line m , as shown in the diagram.

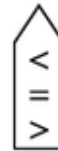


The measure of $\angle 4$ is less than the measure of $\angle 8$.

For each comparison, select the symbol ($<$, $>$, $=$) that makes the relationship between the first quantity and the second quantity true.

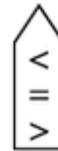
First Quantity Comparison Second Quantity

$m\angle 3$



$m\angle 7$

$m\angle 1 + m\angle 2$



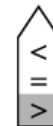
$m\angle 5 + m\angle 6$

Exemplar: (shown at right)

Rubric: (1 point) Student selects the correct symbols for both comparisons.

First Quantity Comparison Second Quantity

$m\angle 3$



$m\angle 7$

$m\angle 1 + m\angle 2$



$m\angle 5 + m\angle 6$