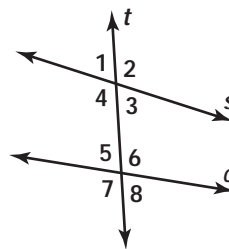# Practice 7-1
## *Mixed Exercises*

1. Name all pairs of corresponding angles formed by the transversal *t* and lines *s* and *c*.

2. Name all pairs of alternate interior angles formed by the transversal *t* and lines *s* and *c*.

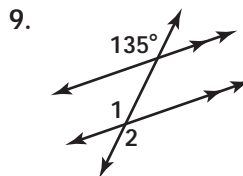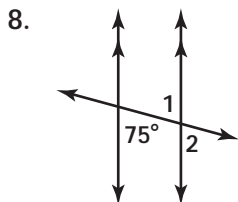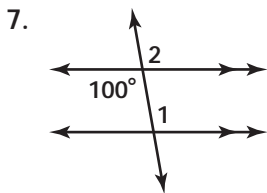3. Name all pairs of same-side interior angles formed by the transversal *t* and lines *s* and *c*.

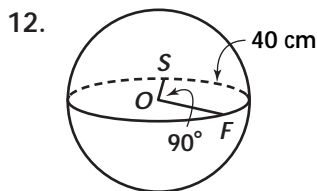**State the theorem or postulate that justifies each statement.**

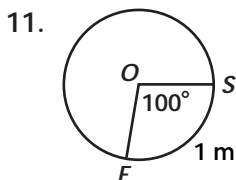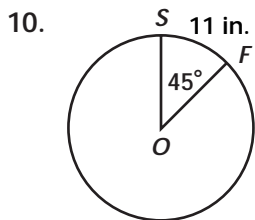4. $m\angle 3 + m\angle 4 = 180$    5. $\angle 1 \cong \angle 5$    6. $\angle 3 \cong \angle 5$

**Find $m\angle 1$ and $m\angle 2$.**

7.

8.

9.
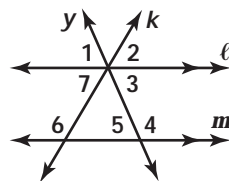
**Given $m\angle O$ and $m\overset{\frown}{SF}$, find the circumference of each circle or sphere.**

10.

11.

12.

**Classify each pair of angles as alternate interior angles, same-side interior angles, or corresponding angles.**

13.

14.

15.

16.

17.

18.