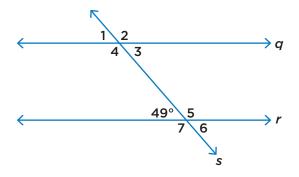
Transversals of Parallel Lines | ANGLE RELATIONSHIPS

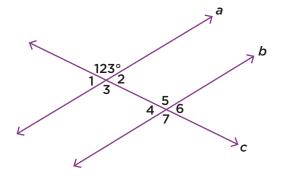
Using the diagrams below, find the missing angle measures. Then explain how you found some of the angle measures. Be sure to name the angle relationships that help you justify your answers.

In this diagram, lines q and r are parallel.



m∠7 = _____

In this diagram, lines a and b are parallel.



Explain how you found $m \angle 3$.

Explain how you found $m \angle 4$.

Explain how you found $m \angle 5$.

Explain how you found $m \angle 7$.

