Estimating/classifying angles

6 questions | 7 marks

Equivalent correct methods earn the corresponding marks.

1. Classify 48 degrees. [1 mark]

$0 < 48 < 90$.

Answer: Acute

2. Classify 90 degrees. [1 mark]

A quarter turn is exactly 90 degrees.

Answer: Right

3. Classify 135 degrees. [1 mark]

$90 < 135 < 180$.

Answer: Obtuse

4. Classify 180 degrees. [1 mark]

A half turn is 180 degrees.

Answer: Straight

5. Classify 290 degrees. [1 mark]

$180 < 290 < 360$.

Answer: Reflex

6. Two angles both measure 55 degrees. One has longer rays. Which is larger? Explain. [2 marks]

Both have the same 55-degree turn. Ray length does not change the angle.

Answer: Neither; they are equal.