Angles topic test

Name: _____ Date: _____

12 questions | 18 marks | 30 minutes

Classify, read and construct angles with clear explanations.

No calculator needed.

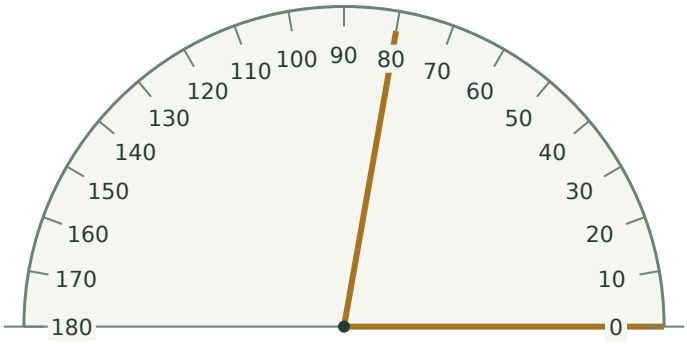
1. Name the type of angle that is greater than 0 degrees but smaller than a right angle. [1 mark]

2. Classify 105 degrees. [1 mark]

3. How many degrees are in a half turn? [1 mark]

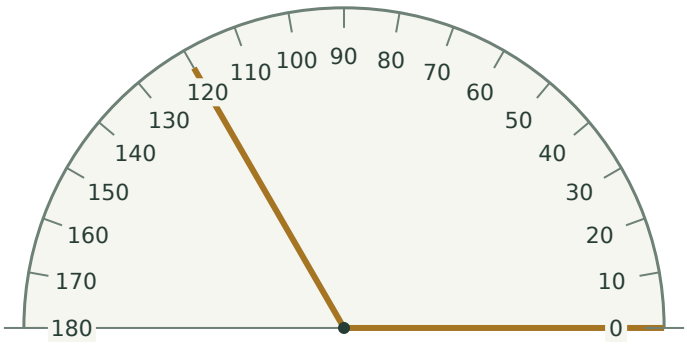
4. Classify 250 degrees. [1 mark]

5. Read the angle. [1 mark]



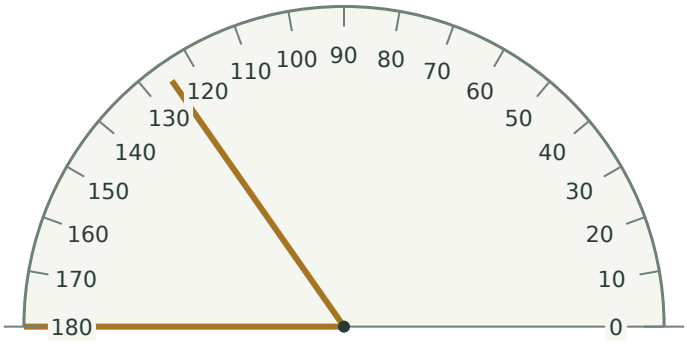
Start at the baseline ray.

6. Read the angle. [1 mark]



Start at the baseline ray.

7. Read from the left baseline. [2 marks]



Start at the baseline ray.

8. Draw 65 degrees with a ruler and protractor. [2 marks]

9. Construct 135 degrees. [2 marks]

10. An angle looks obtuse. A learner reads 35, but the other scale says 145. Explain the likely error. [2 marks]

11. Both rays are shortened without changing their directions. Does the angle get smaller? Explain. [2 marks]

12. One gate opens through 110 degrees and another through 90 degrees. Which opens wider, and by how much? [2 marks]