Practice worksheet | Angles and polygons

Polygon angle sums

Name: _____ Date: _____

6 questions | 15 marks

1. Find the interior-angle sum of a quadrilateral. [2 marks]

2. Find each interior angle of a regular octagon. [2 marks]

3. Find the interior-angle sum of a heptagon, which has seven sides. [2 marks]

4. A simple polygon has interior-angle sum 1440°. How many sides does it have? [3 marks]

5. A regular polygon has exterior angle 24°. Find its number of sides and each interior angle. [3 marks]

6. Four interior angles of a pentagon are 100, 115, 90 and 120 degrees. Find the fifth. [3 marks]