Practice worksheet | Geometry and transformations

Angle reasoning consolidation

Name: _____ Date: _____

6 questions | 13 marks

1. Two adjacent angles form a straight line. One is 136°. Find the other. [2 marks]

2. Angles around a point are 85°, 140° and x. Find x. [2 marks]

3. A triangle has angles 72° and 49°. Find its third angle. [2 marks]

4. Two parallel lines are crossed by a transversal. An angle at the first crossing is 71°. Find its corresponding angle at the second crossing. [2 marks]

5. A quadrilateral has angles 88°, 97°, 104° and x. Find x. [2 marks]

6. Find one interior angle of a regular hexagon. Explain why division by 6 is valid. [3 marks]