Practice worksheet | Angles and polygons

Angles on lines and around points

Name: _____ Date: _____

6 questions | 13 marks

1. Two adjacent angles on a straight line are 148° and a. Find a. [2 marks]

2. Four angles around a point are 85°, 110°, 74° and b. Find b. [2 marks]

3. Three equal adjacent angles fill a straight angle. Find the size of each. [2 marks]

4. An angle of 54° and angle c fill a right angle. Find c. [2 marks]

5. A robot turns 135° clockwise, then continues clockwise until it has completed one full turn. How far is the second turn? [2 marks]

6. Alex subtracts 72° from 360° to find the adjacent angle on a straight line. Explain the error and give the correct answer. [3 marks]