Circumference and area of circles

Name: _____ Date: _____

6 questions | 14 marks

1. A circle has radius 2 cm. Find its diameter. [1 mark]

2. Find the circumference of a circle with radius 6 cm. [2 marks]

3. Find the area of a circle with radius 4 m. [2 marks]

4. A circular sign has diameter 10 cm. Find its circumference and area. [3 marks]

5. A radius doubles from 3 cm to 6 cm. By what factor does circumference change? By what factor does area change? [3 marks]

6. A circular pond has diameter 8 m. A student writes its area as 64π m². Explain and correct the error. [3 marks]