Practice worksheet | Perimeter, area and volume

Radius, diameter, circumference and the meaning of pi

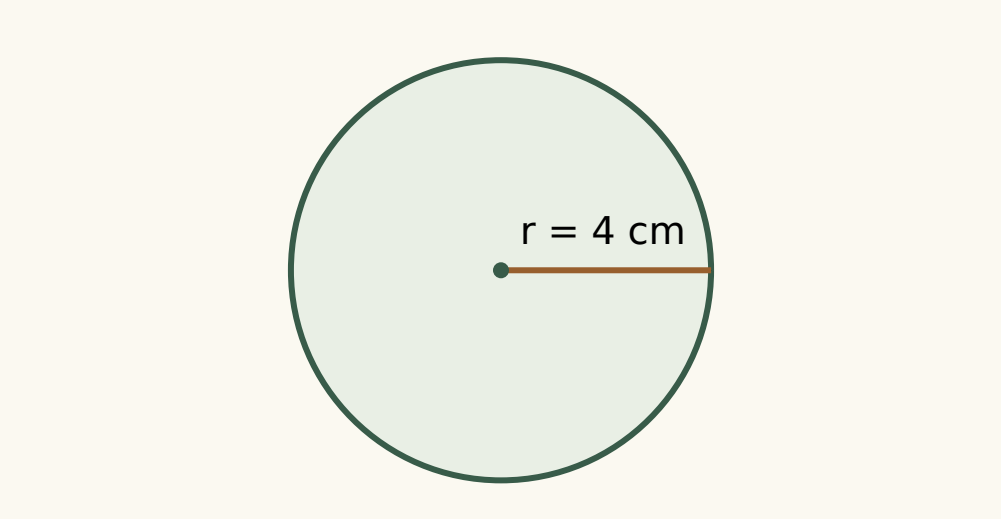
Name: _____ Date: _____

6 questions | 11 marks

1. A circle has radius 7 cm. Find its diameter. [1 mark]

2. A circle has diameter 9 m. Find its radius. [1 mark]

3. Find the exact circumference of a circle of radius 4 cm. [2 marks]



4. A wheel has diameter 20 cm. Using $\pi \approx 3.14$, find the distance travelled in one complete turn without slipping. [2 marks]

5. A circle has circumference 24π cm. Find its diameter and radius. [2 marks]

6. A semicircle has diameter 10 cm. Find its complete perimeter, including the straight edge, exactly. [3 marks]