Practice worksheet | Surface area, volume and measurement

Cylinder surface area

Name: _____ Date: _____

6 questions | 14 marks

1. Find the total surface area of a closed cylinder with radius 4 cm and height 6 cm. Give an exact answer. [2 marks]

2. A closed cylinder has diameter 10 cm and height 7 cm. Find its surface area. [2 marks]

3. Find the curved surface area of a cylinder with radius 3 cm and height 12 cm. [2 marks]

4. An open cylindrical container has radius 5 cm and height 10 cm. It has one base. Find its material area. [3 marks]

5. A label covers only the wall of a can with radius 2 cm and height 6 cm. Find the label area. [2 marks]

6. A closed cylinder has radius 3 cm and total surface area 90π cm². Find its height. [3 marks]