Kaboodle

Perimeter and Area
Topic: Area of Circle

Name:

Date:

1. Find the area of a circle whose diameter is 8.4cm

cm²

2. Find the area of a circle whose diameter is 5.6m

m²

3. Find the area of a circle whose diameter is 7km

km²

4. The area of a circle is 154 cm². Find the radius of the circle.

cm

5. The circumference of a circle is 3.14 m, find its area.

m²

6. If the area of a circle is 50.24m², find its circumference.

m

7. A horse is tied to a pole with 28 m long string. Find the area where the horse can graze.

m²

8. A road which is 7 m wide surrounds a circular park whose circumference is 352 m. Find the area of road.

m²

9. The radius of one circular field is 20 m and that of another is 48 m. find the radius of the third circular field whose area is equal to the sum of the areas of two fields.

m

10. Find the radius of a circle, if its area is 1.54km².

m