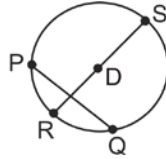


Area of the Circle: Lesson 2

Problem: Find the area of a circle with radius DS = 5 cm



Step 1:

Here we have radius = 5 cm

Using the formula Area of a circle =  $\pi \times \text{radius}^2$  and  $\pi = 3.14$

Step 2:

Replacing radius with 5 cm and  $\pi$  with 3.14 in above formula

Step 3:

Area of a circle =  $\pi \times \text{radius}^2$

$$= 3.14 \times 5 \text{ cm} \times 5 \text{ cm}$$

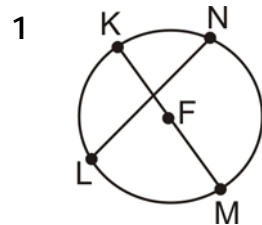
$$= 78.5 \text{ sq cm}$$

Step 4:

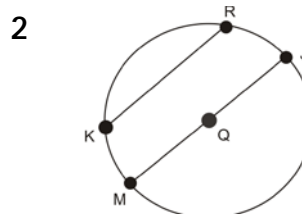
**Answer:** 78.5 sq cm

Practice Problems

Find the area of the given circles. (Use  $\pi$  as 3.14)



FM=2.5      \_\_\_\_\_



QJ=6      \_\_\_\_\_