

**Leave answers in terms of  $\pi$  and rounded to tenths. Show all work.  
Make sure you label your answers.**

1. Find the circumference of a circle with diameter 8 mm. 1. \_\_\_\_\_

\_\_\_\_\_

2. Find the area of a circle with diameter 8 mm 2. \_\_\_\_\_

\_\_\_\_\_

3. Find the circumference of a circle with area  $100\pi$  in<sup>2</sup>. 3. \_\_\_\_\_

\_\_\_\_\_

4. Find the area of a circle with circumference  $22\pi$  cm. 4. \_\_\_\_\_

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