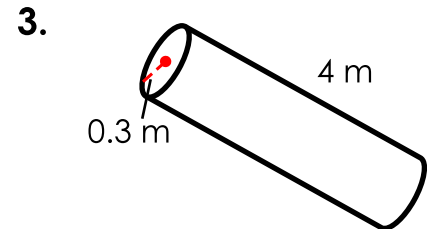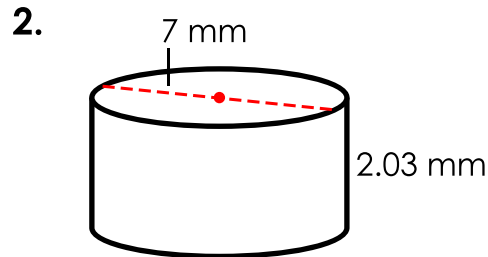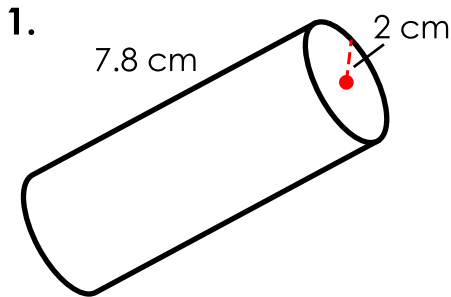Name: _____

Volumes of Cylinders

Find the volume of each cylinder. Use 3.14 for π. Round your answer to the nearest hundredth. Remember to include units in your answer.

1.

7.8 cm   2 cm

2.

7 mm

2.03 mm

3.

0.3 m   4 m

7.7 m

answer:_____   answer:_____   answer:_____

7. radius of base = 8 cm
height = 4.2 cm

8. diameter of base = 3 m
height = 19 m

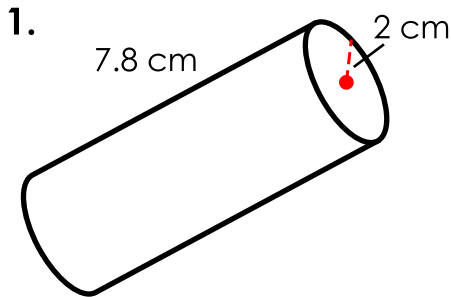**9.** radius of base = 12.8 mm
height = 1.6 mm

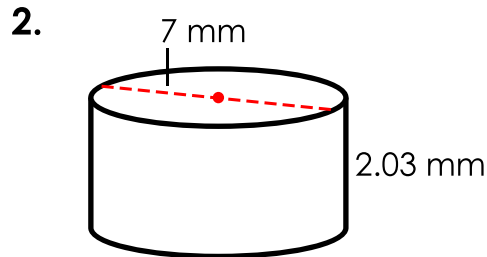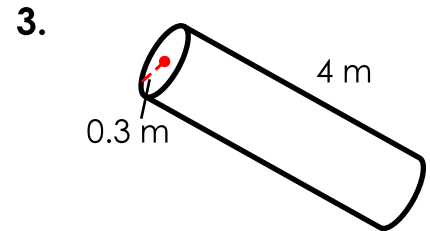answer:_____   answer:_____   answer:_____

Volumes of Cylinders

Find the volume of each cylinder. Use 3.14 for π. Round your answer to the nearest hundredth. Remember to include units in your answer.

1.

7.8 cm   2 cm

2.

7 mm

2.03 mm

3.

4 m

0.3 m

answer: **97.97 cm³**   answer: **78.08 mm³**   answer: **1.13 m³**

answer: **2.03 mm³**   answer: **386.85 m³**   answer: **0.04 cm³**

7. radius of base = 8 cm
height = 4.2 cm

8. diameter of base = 3 m
height = 19 m

9. radius of base = 12.8 mm
height = 1.6 mm

answer: **844.03 cm³**   answer: **134.24 m³**   answer: **823.13 mm³**

RB