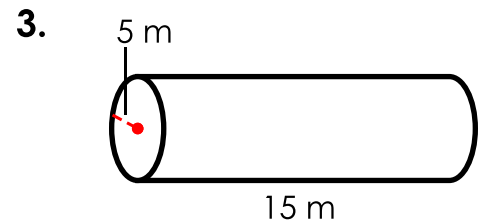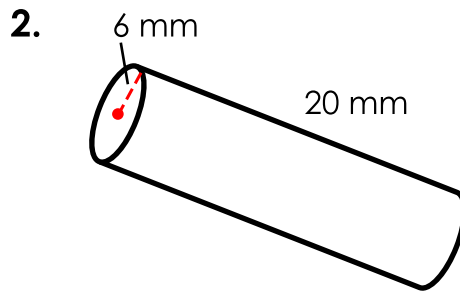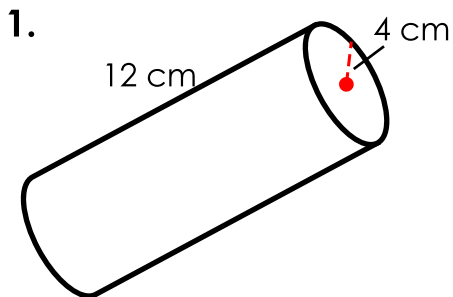Name: _____

Volumes of Cylinders

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

1.

12 cm

4 cm

2.

6 mm

20 mm

3.

5 m

15 m

answer: _____

answer: _____

answer: _____

7. radius of base = 1 cm
height = 20 cm

8. radius of base = 10 m
height = 3 m
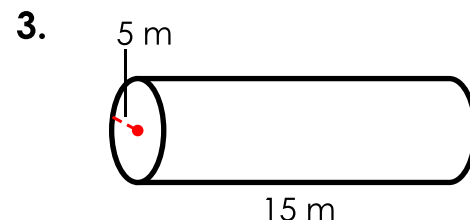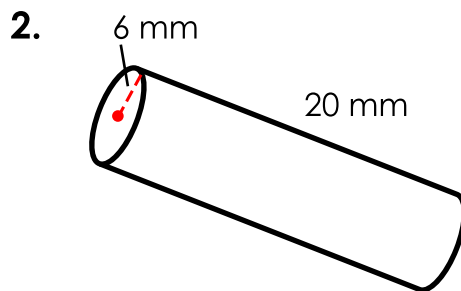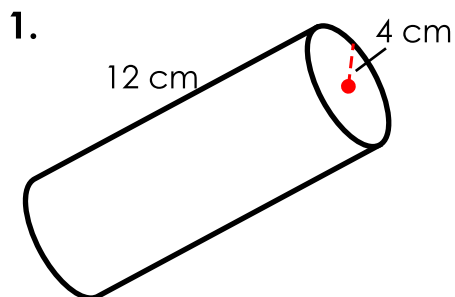
9. radius of base = 4 mm
height = 16 mm

answer: _____

answer: _____

answer: _____

Volumes of Cylinders

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

1.

12 cm
4 cm

2.

6 mm
20 mm

3.

5 m
15 m

answer: **602.9 cm³**

answer: **2,260.8 mm³**

answer: **1,177.5 m³**

answer: **282.6 m³**

answer: **803.8 cm³**

answer: **254.3 mm³**

7. radius of base = 1 cm
height = 20 cm

8. radius of base = 10 m
height = 3 m

9. radius of base = 4 mm
height = 16 mm

answer: **62.8 cm³**

answer: **942 m³**

answer: **803.8 mm³**

RB