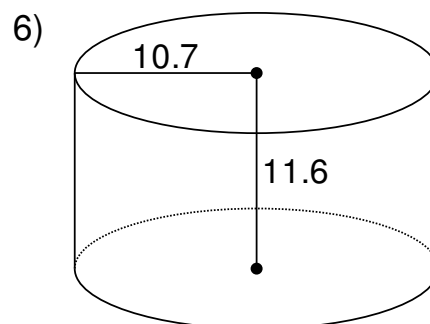
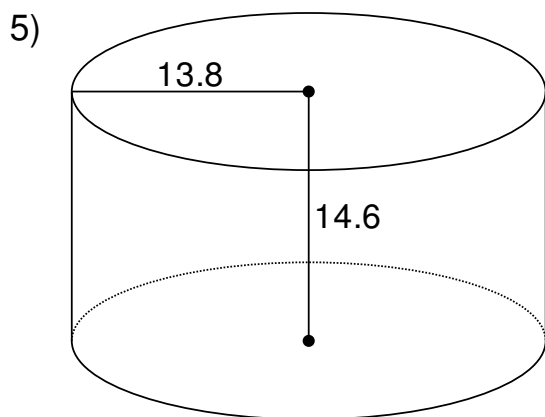
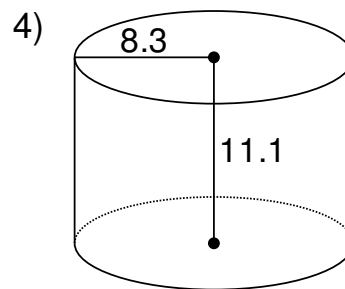
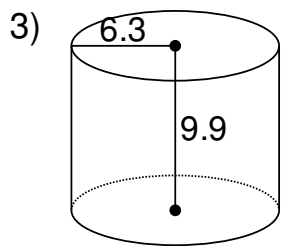
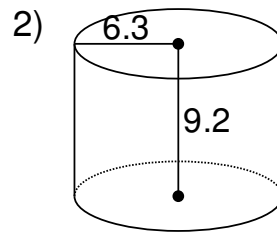
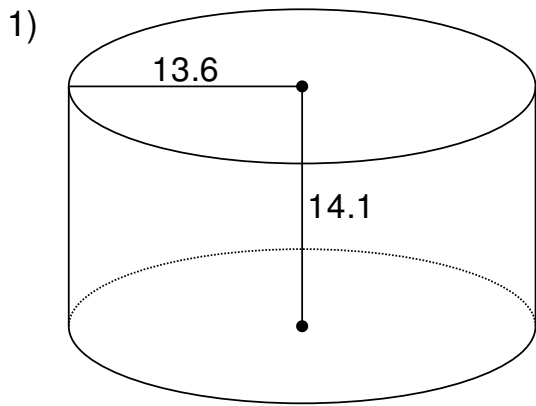


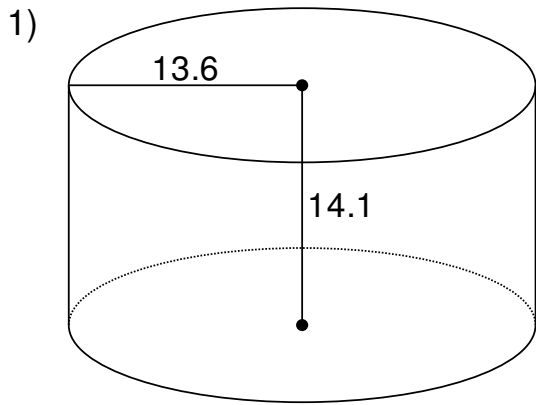
Volume of a Cylinder

**Find the Volume of each cylinder.**

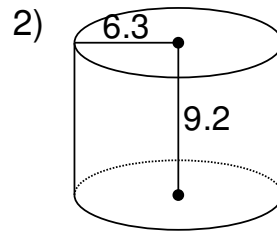


Volume of a Cylinder

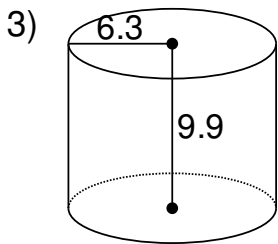
Find the Volume of each cylinder.



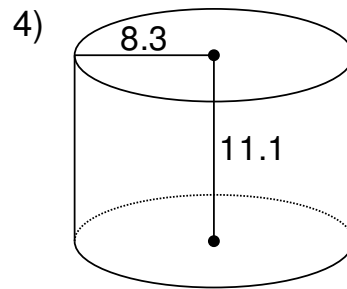
Answer: 8,188.92



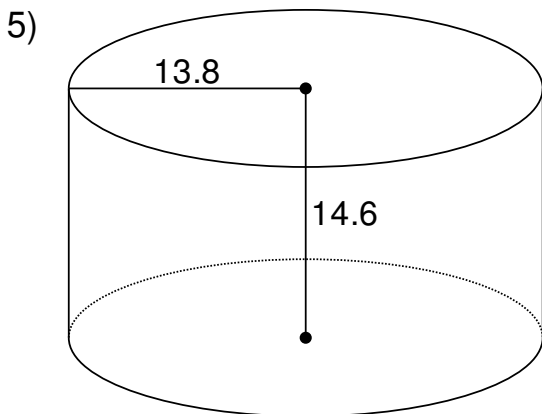
Answer: 1,146.56



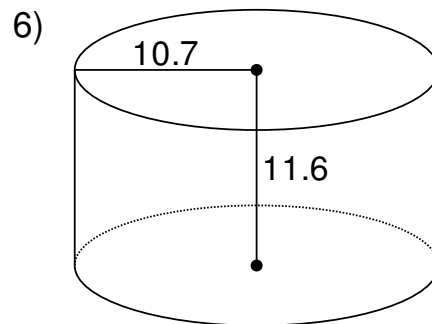
Answer: 1,233.8



Answer: 2,401.09



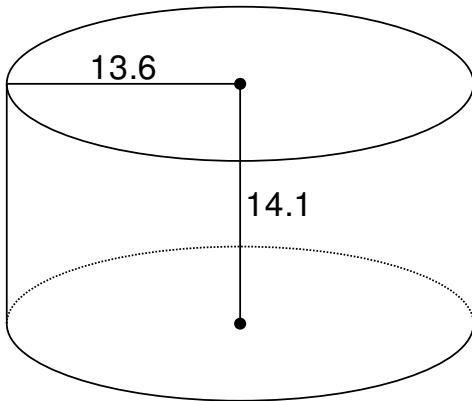
Answer: 8,730.53



Answer: 4,170.18

**Solution Steps**

1)



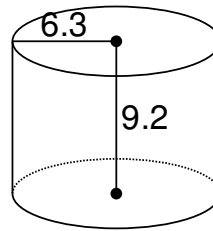
$$\text{Volume} = \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \pi * (13.6)^2 * 14.1$$

$$\text{Volume} = \pi * 184.96 * 14.1$$

$$\text{Volume} = 8,188.92$$

2)



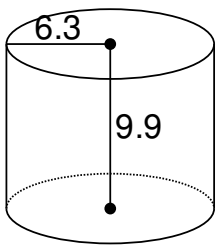
$$\text{Volume} = \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \pi * (6.3)^2 * 9.2$$

$$\text{Volume} = \pi * 39.69 * 9.2$$

$$\text{Volume} = 1,146.56$$

3)



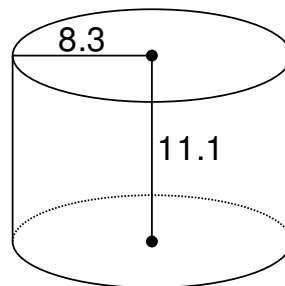
$$\text{Volume} = \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \pi * (6.3)^2 * 9.9$$

$$\text{Volume} = \pi * 39.69 * 9.9$$

$$\text{Volume} = 1,233.8$$

4)



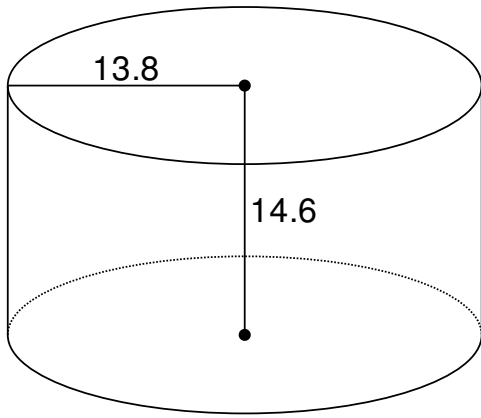
$$\text{Volume} = \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \pi * (8.3)^2 * 11.1$$

$$\text{Volume} = \pi * 68.89 * 11.1$$

$$\text{Volume} = 2,401.09$$

5)



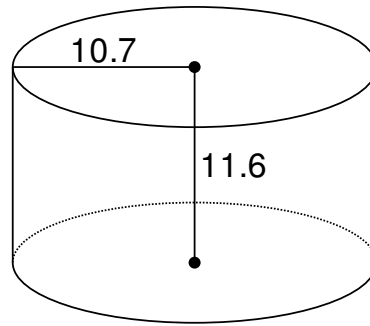
$$\text{Volume} = \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \pi * (13.8)^2 * 14.6$$

$$\text{Volume} = \pi * 190.44 * 14.6$$

$$\text{Volume} = 8,730.53$$

6)



$$\text{Volume} = \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \pi * (10.7)^2 * 11.6$$

$$\text{Volume} = \pi * 114.49 * 11.6$$

$$\text{Volume} = 4,170.18$$