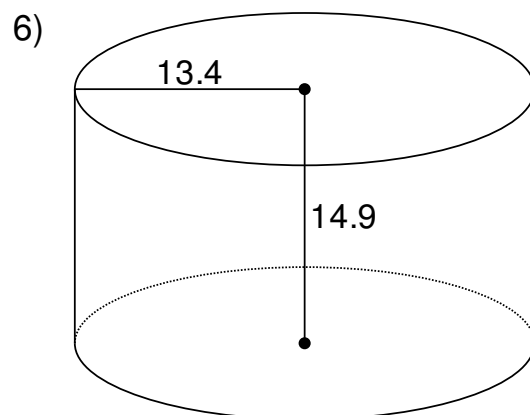
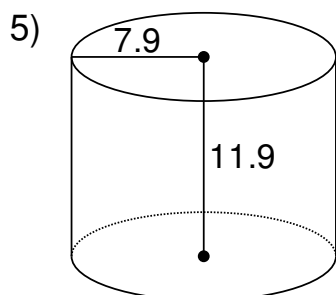
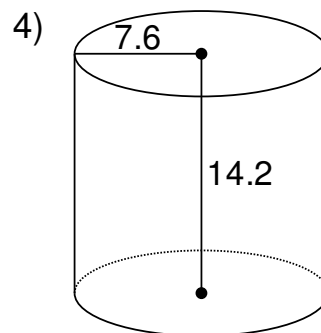
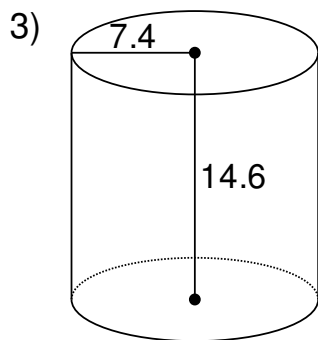
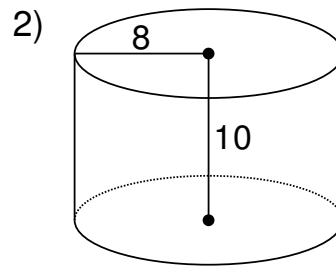
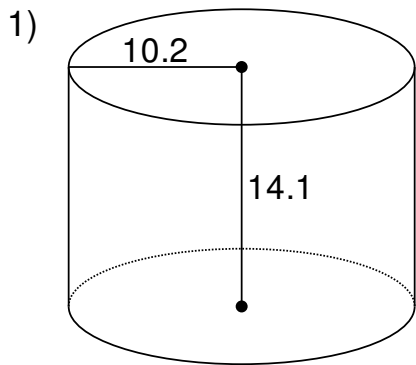


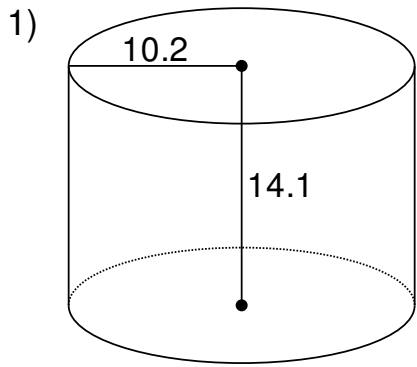
Volume of a Cylinder

**Find the Volume of each cylinder.**

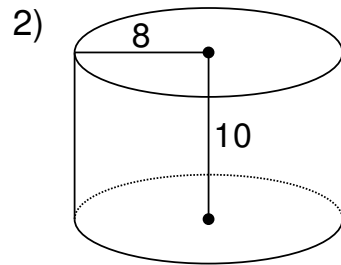


Volume of a Cylinder

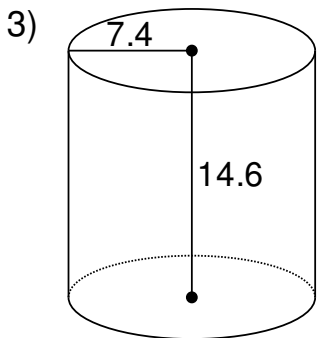
Find the Volume of each cylinder.



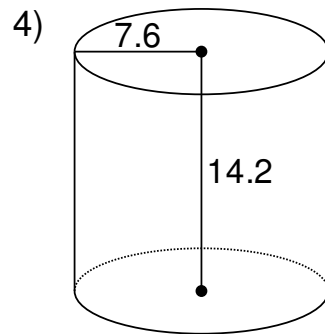
Answer: 4,606.27



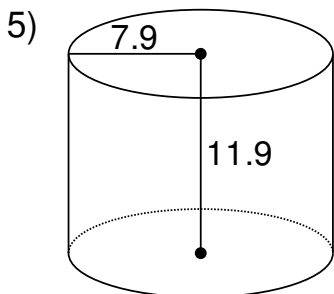
Answer: 2,009.6



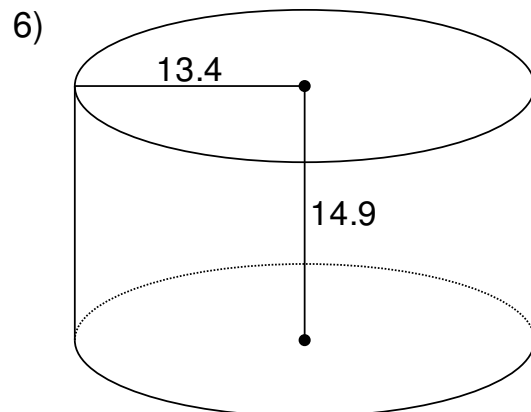
Answer: 2,510.42



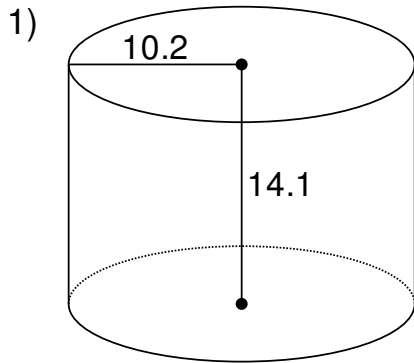
Answer: 2,575.4



Answer: 2,332.01



Answer: 8,400.89

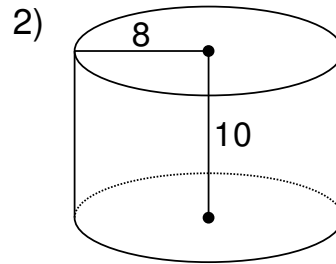
**Solution Steps**

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

$$\text{Volume} = \pi * (10.2)^2 * 14.1$$

$$\text{Volume} = \pi * 104.04 * 14.1$$

$$\text{Volume} = 4,606.27$$

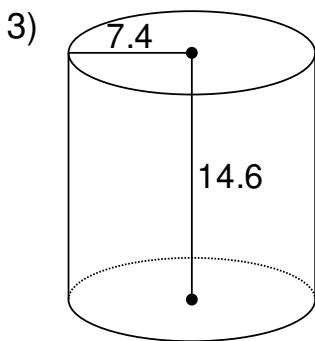


$$\text{Volume} = \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \pi * 8^2 * 10$$

$$\text{Volume} = \pi * 64 * 10$$

$$\text{Volume} = 2,009.6$$

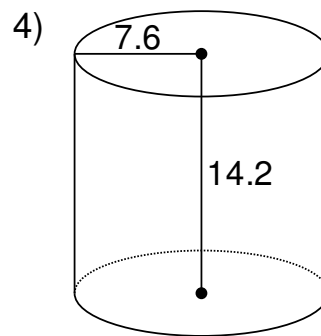


$$\text{Volume} = \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \pi * (7.4)^2 * 14.6$$

$$\text{Volume} = \pi * 54.76 * 14.6$$

$$\text{Volume} = 2,510.42$$

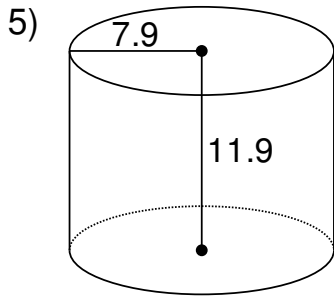


$$\text{Volume} = \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \pi * (7.6)^2 * 14.2$$

$$\text{Volume} = \pi * 57.76 * 14.2$$

$$\text{Volume} = 2,575.4$$

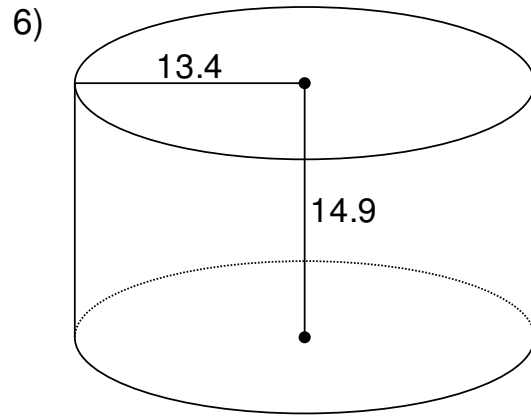


$$\text{Volume} = \pi * (\text{Radius})^2 * \text{Height}$$

$$\text{Volume} = \pi * (7.9)^2 * 11.9$$

$$\text{Volume} = \pi * 62.41 * 11.9$$

$$\text{Volume} = 2,332.01$$



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

$$\text{Volume} = \pi * (13.4)^2 * 14.9$$

$$\text{Volume} = \pi * 179.56 * 14.9$$

$$\text{Volume} = 8,400.89$$