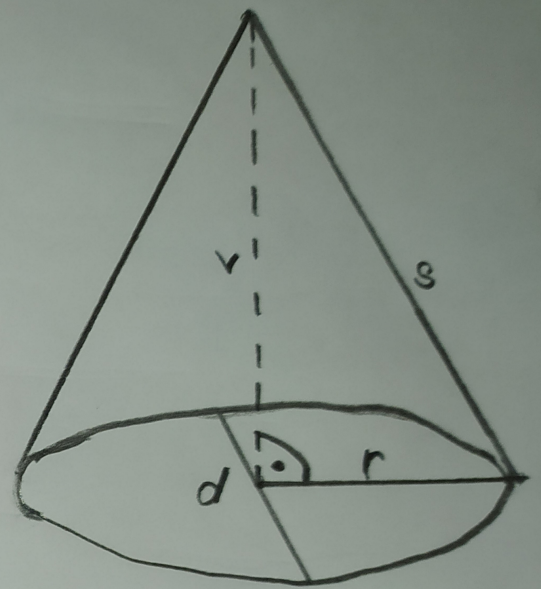


$$b) v = 14 \text{ cm}, r = 6 \text{ cm}$$

$$V = \frac{1}{3} \cdot 3,14 \cdot 6^2 \cdot 14$$

$$V = \frac{1}{3} \cdot \frac{157}{50} \cdot 36 \cdot 14$$

$$V = 3,14 \cdot 168 = \underline{\underline{527,52 \text{ cm}^3}}$$



$$c) d = 6 \text{ cm}, v = 4 \text{ cm}$$

$$r = d : 2 = 3 \text{ cm}$$

$$V = \frac{1}{3} \cdot 3,14 \cdot 3^2 \cdot 4$$

$$V = \frac{1}{3} \cdot \frac{157}{50} \cdot 9 \cdot 4$$

$$V = 3,14 \cdot 12 = \underline{\underline{37,68 \text{ cm}^3}}$$

$$d) v = 3 \text{ dm}, s = 5 \text{ dm}$$

$$r = \sqrt{s^2 - v^2}$$

$$r = \sqrt{5^2 - 3^2}$$

$$r = 4 \text{ dm}$$

$$V = \frac{1}{3} \cdot 3,14 \cdot 4^2 \cdot 3$$

$$V = \frac{1}{3} \cdot \frac{157}{50} \cdot 16 \cdot 3$$

$$V = 3,14 \cdot 16 = 50,24 \text{ dm}^3$$

$$V = \underline{\underline{50,240 \text{ cm}^3}}$$