

1.10

$$1) \sqrt[3]{27\,000} = \sqrt[3]{27 \cdot 1000} = \sqrt[3]{27} \cdot \sqrt[3]{1000} = 3 \cdot 10 = 30$$

$$2) \sqrt[3]{270\,000} = \sqrt[3]{270 \cdot 1000} = \sqrt[3]{270} \cdot \sqrt[3]{1000} \approx 6,46 \cdot 10 = 64,6$$

$$3) \sqrt[3]{2\,700\,000} = \sqrt[3]{2700 \cdot 1000} = \sqrt[3]{2700} \cdot \sqrt[3]{1000} \approx 13,92 \cdot 10 = 139,2$$

$$4) \sqrt[3]{2,7} = \sqrt[3]{\frac{2700}{1000}} = \frac{\sqrt[3]{2700}}{\sqrt[3]{1000}} \approx \frac{13,92}{10} = 1,392$$

$$5) \sqrt[3]{0,27} = \sqrt[3]{\frac{270}{1000}} = \frac{\sqrt[3]{270}}{\sqrt[3]{1000}} \approx \frac{6,46}{10} = 0,646$$

$$6) \sqrt[3]{0,027} = \sqrt[3]{\frac{27}{1000}} = \frac{\sqrt[3]{27}}{\sqrt[3]{1000}} = \frac{3}{10} = 0,3$$