

N67

$$\textcircled{1} \cdot \frac{3}{5} \sqrt{\frac{9}{0,36}} = \frac{3}{5} \frac{\sqrt{9}}{0,6} = \frac{3}{5} \cdot \frac{10\sqrt{9}}{8} = \sqrt{9}$$

$$\textcircled{2} \cdot \frac{5}{2} \sqrt{\frac{8}{0,0625}} = \frac{5}{2} \frac{\sqrt{8}}{0,25} = \frac{5}{2} \frac{100\sqrt{8}}{25} =$$

$$= \frac{5}{2} \cdot 4\sqrt{8} = 10\sqrt{8}$$

$$\textcircled{3} \cdot \frac{8}{5} \sqrt{\frac{x}{4}} \cdot \sqrt{\frac{y}{0,64}} = \frac{8}{5} \frac{\sqrt{x}}{2} \cdot \frac{\sqrt{y}}{0,8} = \frac{4\sqrt{x}}{5} \cdot \frac{10\sqrt{y}}{8} = \sqrt{xy}$$

$$\textcircled{4} \cdot \frac{38}{33} \sqrt{\frac{32}{4}} \cdot \sqrt{\frac{363}{361}} = \frac{38}{33} \frac{\sqrt{32}}{2} \cdot \frac{11\sqrt{3}}{19} =$$

$$= \frac{11\sqrt{92}}{33} = \frac{11 \cdot 3\sqrt{2}}{33} = \sqrt{2}$$

N68

$$1) a > 0 \quad b > 0 \quad c > 0.$$

$$a = 2 \quad b = 2 \quad c = 4.$$

$$\sqrt{2 \cdot 2 \cdot 4} = \sqrt{16} = 4.$$

$$2) a > 0 \quad b < 0 \quad c < 0.$$

$$a = 2 \quad b = -2 \quad c = -4.$$

$$\sqrt{2 \cdot (-2) \cdot (-4)} = \sqrt{16} = 4.$$

N69

$$\textcircled{1} \cdot \sqrt{a+b} = \sqrt{4+9} = \sqrt{15}.$$

$$\text{пусть } a = 4$$

$$b = 9$$

$$\sqrt{4} + \sqrt{9} = 2 + 3 = 5.$$

$$\sqrt{4+9} \neq \sqrt{4} + \sqrt{9}$$