

N10

$$\sqrt{648} = \sqrt{2^3 \cdot 9^2} = 9 \cdot 2\sqrt{2} = 18\sqrt{2}$$

НОК: 648	2
324	2
162	2
81	9
9	9
1	1

04.08. Day 11

N1.

$$\sqrt{1} = 1$$

N2

$$\sqrt{4} = \sqrt{2^2} = 2^{\frac{2}{2}} = 2^1 = 2$$

N3

$$\sqrt{\frac{1}{4}} = \sqrt{\frac{1^2}{2^2}} = \frac{1}{2}$$

N4

$$\sqrt{200x^5} = \sqrt{2 \cdot 10^2 \cdot x^4 \cdot x} = 10x^2 \sqrt{2x}$$

N5

$$\sqrt{12xz} = \sqrt{2^2 \cdot 3 \cdot x \cdot z} = 2\sqrt{3xz}$$

N6?

$$\sqrt{\frac{3}{8}} = \sqrt{\frac{3}{2 \cdot 2^2}} = 2\sqrt{\frac{3}{2}} = \frac{\sqrt{3}}{2\sqrt{2}}$$

N7

$$\sqrt{0.4} = \sqrt{\frac{2}{10}} = \sqrt{\frac{1}{5}} = \sqrt{\frac{5}{5 \cdot 5}} = \frac{\sqrt{5}}{5}$$

N8

$$\sqrt{\frac{3}{10}} = \sqrt{\frac{3 \cdot 3}{10 \cdot 3}} = \frac{3}{\sqrt{30}} \text{ umm } \sqrt{\frac{3}{10}} = \sqrt{\frac{3 \cdot 10}{10 \cdot 10}} = \frac{\sqrt{30}}{10}$$

N9

$$\frac{3}{\sqrt{2}} = \frac{3 \cdot \sqrt{2}}{\sqrt{2 \cdot 2}} = \frac{3\sqrt{2}}{2}$$