

Day 11 Koprnu 1-10

$$(1) \sqrt{1} = 1$$

$$(2) \sqrt{4} = 2$$

$$(3) \sqrt{\frac{1}{4}} = \frac{1}{2}$$

$$(4) \sqrt{200x^5} = \sqrt{100 \cdot 4 \cdot 100 \cdot x^2 \cdot x} = 10x \cdot 10x \cdot \sqrt{x}$$

$$(5) \sqrt{\frac{3}{8}} = \frac{\sqrt{3}}{2\sqrt{2}} \text{ or } \sqrt{\frac{3}{8}} \cdot 2 = \frac{\sqrt{6}}{4}$$

$$(6) \sqrt{12xy} = \sqrt{3 \cdot 4 \cdot xy} = 2\sqrt{3xy}$$

$$(7) \sqrt{0.2} = \sqrt{\frac{1}{5}} = \frac{\sqrt{5}}{5}$$

$$(8) \frac{3}{\sqrt{2}} \cdot \sqrt{2} = \frac{3\sqrt{2}}{2}$$

$$(9) \sqrt{\frac{3}{10}} \cdot \sqrt{10} = \frac{\sqrt{30}}{10}$$

$$(10) \sqrt{648} = \sqrt{18 \cdot 36 \cdot 18} = 18\sqrt{2}$$