

$$\frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

$$\frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

$$\frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

$$\frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

$$\left(\frac{\sqrt{a}}{\sqrt{b}}\right)^2$$

$$\frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

$$\left(\frac{\sqrt{a}}{\sqrt{b}}\right)^2 = \frac{(\sqrt{a})^2}{(\sqrt{b})^2}$$

$$\frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

$$\begin{aligned} \left(\frac{\sqrt{a}}{\sqrt{b}}\right)^2 &= \frac{(\sqrt{a})^2}{(\sqrt{b})^2} \\ &= \frac{a}{b} \end{aligned}$$

$$\frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

$$\begin{aligned} \left(\frac{\sqrt{a}}{\sqrt{b}}\right)^2 &= \frac{(\sqrt{a})^2}{(\sqrt{b})^2} \\ &= \frac{a}{b} \end{aligned}$$

$$x^2 = \frac{a}{b}$$

$$\frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

$$\begin{aligned} \left(\frac{\sqrt{a}}{\sqrt{b}}\right)^2 &= \frac{(\sqrt{a})^2}{(\sqrt{b})^2} \\ &= \frac{a}{b} \end{aligned}$$

$$x^2 = \frac{a}{b} \quad x = \sqrt{\frac{a}{b}}, -\sqrt{\frac{a}{b}}$$

$$\frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

$$\begin{aligned} \left(\frac{\sqrt{a}}{\sqrt{b}}\right)^2 &= \frac{(\sqrt{a})^2}{(\sqrt{b})^2} \\ &= \frac{a}{b} \end{aligned}$$

$$x^2 = \frac{a}{b} \quad x = \sqrt{\frac{a}{b}}, -\sqrt{\frac{a}{b}}$$

$$\frac{\sqrt{a}}{\sqrt{b}} > 0 \text{ 이므로}$$

$$\frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

$$\begin{aligned} \left(\frac{\sqrt{a}}{\sqrt{b}}\right)^2 &= \frac{(\sqrt{a})^2}{(\sqrt{b})^2} \\ &= \frac{a}{b} \end{aligned}$$

$$x^2 = \frac{a}{b} \quad x = \sqrt{\frac{a}{b}}, -\sqrt{\frac{a}{b}}$$

$$\frac{\sqrt{a}}{\sqrt{b}} > 0 \text{ 이므로}$$

∴

$$\frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

$$\begin{aligned} \left(\frac{\sqrt{a}}{\sqrt{b}}\right)^2 &= \frac{(\sqrt{a})^2}{(\sqrt{b})^2} \\ &= \frac{a}{b} \end{aligned}$$

$$x^2 = \frac{a}{b} \quad x = \sqrt{\frac{a}{b}}, -\sqrt{\frac{a}{b}}$$

$\frac{\sqrt{a}}{\sqrt{b}} > 0$ 이므로

$$\therefore \frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

$$\frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

$$\begin{aligned} \left(\frac{\sqrt{a}}{\sqrt{b}}\right)^2 &= \frac{(\sqrt{a})^2}{(\sqrt{b})^2} \\ &= \frac{a}{b} \end{aligned}$$

$$x^2 = \frac{a}{b} \quad x = \sqrt{\frac{a}{b}}, -\sqrt{\frac{a}{b}}$$

$\frac{\sqrt{a}}{\sqrt{b}} > 0$ 이므로

$$\therefore \frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

$$\frac{\sqrt{a}}{\sqrt{b}} = \sqrt{\frac{a}{b}} \quad (a, b > 0)$$

YouTube: https://youtu.be/FybY_GBQA8EI

Click or paste URL into the URL search bar, and you can see a picture moving.