

$$\sqrt{x^3} \sqrt{x} - \sqrt[5]{x^3} \sqrt{x} = 56$$

$$\sqrt[m]{x} = x^{1/m}$$

$$\sqrt{x^1} x^{1/5} - \sqrt[5]{x^3} x^{1/2} = 56$$

$$x^{6/5} x^{1/2} - x^{3/2} x^{1/5} = 56$$

$$x^{13/10} - x^{7/10} = 56$$

$$t_1 = -7 \quad \boxed{t_2 = 8} \quad t \geq 0$$

$$x^3 = 2^{30} \quad x = 2^{10} = 1024$$

$$\sqrt[m]{x} = x^{1/m}$$

$$2^{1,41} < \sqrt{2} < 2^{1,42}$$

$$\sqrt{2} = 1,41\dots$$

$$2^{1,41} = 2^{141/100}$$

poln \rightarrow upp $\sqrt{2} \rightarrow$

\rightarrow range \rightarrow

$$x^5 - x^0 + 1 = 0$$

$\rightarrow \pi \in \text{ТРАНС}$