



Find the positive value of x.

Answers

1) $x^2 = 1$

$$\begin{aligned}\sqrt{x^2} &= \\ \sqrt{1} & \\ x &= \sqrt{1}\end{aligned}$$

2) $x^2 = 100$

$$\begin{aligned}\sqrt{x^2} &= \\ \sqrt{100} & \\ x &= \sqrt{100}\end{aligned}$$

3) $x^3 = 729$

$$\begin{aligned}\sqrt[3]{x^3} &= \sqrt[3]{729} \\ x &= \sqrt[3]{729}\end{aligned}$$

4) $x^3 = 27$

$$\begin{aligned}\sqrt[3]{x^3} &= \sqrt[3]{27} \\ x &= \sqrt[3]{27}\end{aligned}$$

5) $x^3 = 512$

$$\begin{aligned}\sqrt[3]{x^3} &= \sqrt[3]{512} \\ x &= \sqrt[3]{512}\end{aligned}$$

6) $x^2 = 49$

$$\begin{aligned}\sqrt{x^2} &= \\ \sqrt{49} & \\ x &= \sqrt{49}\end{aligned}$$

7) $x^2 = 36$

$$\begin{aligned}\sqrt{x^2} &= \\ \sqrt{36} & \\ x &= \sqrt{36}\end{aligned}$$

8) $x^3 = 216$

$$\begin{aligned}\sqrt[3]{x^3} &= \sqrt[3]{216} \\ x &= \sqrt[3]{216}\end{aligned}$$

9) $x^2 = 64$

$$\begin{aligned}\sqrt{x^2} &= \\ \sqrt{64} & \\ x &= \sqrt{64}\end{aligned}$$

10) $x^2 = 121$

$$\begin{aligned}\sqrt{x^2} &= \\ \sqrt{121} & \\ x &= \sqrt{121}\end{aligned}$$

11) $x^2 = 16$

$$\begin{aligned}\sqrt{x^2} &= \\ \sqrt{16} & \\ x &= \sqrt{16}\end{aligned}$$

12) $x^3 = 64$

$$\begin{aligned}\sqrt[3]{x^3} &= \sqrt[3]{64} \\ x &= \sqrt[3]{64}\end{aligned}$$

13) $x^2 = 81$

$$\begin{aligned}\sqrt{x^2} &= \\ \sqrt{81} & \\ x &= \sqrt{81}\end{aligned}$$

14) $x^2 = 4$

$$\begin{aligned}\sqrt{x^2} &= \\ \sqrt{4} & \\ x &= \sqrt{4}\end{aligned}$$

15) $x^2 = 25$

$$\begin{aligned}\sqrt{x^2} &= \\ \sqrt{25} & \\ x &= \sqrt{25}\end{aligned}$$

16) $x^2 = 144$

$$\begin{aligned}\sqrt{x^2} &= \\ \sqrt{144} & \\ x &= \sqrt{144}\end{aligned}$$

17) $x^3 = 1$

$$\begin{aligned}\sqrt[3]{x^3} &= \sqrt[3]{1} \\ x &= \sqrt[3]{1}\end{aligned}$$

18) $x^3 = 8$

$$\begin{aligned}\sqrt[3]{x^3} &= \sqrt[3]{8} \\ x &= \sqrt[3]{8}\end{aligned}$$

19) $x^3 = 1,000$

$$\begin{aligned}\sqrt[3]{x^3} &= \sqrt[3]{1,000} \\ x &= \sqrt[3]{1,000}\end{aligned}$$

20) $x^3 = 343$

$$\begin{aligned}\sqrt[3]{x^3} &= \sqrt[3]{343} \\ x &= \sqrt[3]{343}\end{aligned}$$

21) $x^3 = 125$

$$\begin{aligned}\sqrt[3]{x^3} &= \sqrt[3]{125} \\ x &= \sqrt[3]{125}\end{aligned}$$

1. 12. 103. 94. 35. 86. 77. 68. 69. 810. 1111. 412. 413. 914. 215. 516. 1217. 118. 219. 1020. 721. 5