





Find the positive value of x.

$$\begin{aligned} 1) \quad x^2 &= 4 \\ \sqrt{x^2} &= \\ \sqrt{4} & \\ x &= \sqrt{4} \end{aligned}$$

$$\begin{aligned} 2) \quad x^3 &= 64 \\ \sqrt[3]{x^3} &= \sqrt[3]{64} \\ x &= \sqrt[3]{64} \end{aligned}$$

$$\begin{aligned} 3) \quad x^2 &= 100 \\ \sqrt{x^2} &= \\ \sqrt{100} & \\ x &= \sqrt{100} \end{aligned}$$

$$\begin{aligned} 4) \quad x^3 &= 216 \\ \sqrt[3]{x^3} &= \sqrt[3]{216} \\ x &= \sqrt[3]{216} \end{aligned}$$

$$\begin{aligned} 5) \quad x^2 &= 25 \\ \sqrt{x^2} &= \\ \sqrt{25} & \\ x &= \sqrt{25} \end{aligned}$$

$$\begin{aligned} 6) \quad x^2 &= 9 \\ \sqrt{x^2} &= \\ \sqrt{9} & \\ x &= \sqrt{9} \end{aligned}$$

$$\begin{aligned} 7) \quad x^2 &= 64 \\ \sqrt{x^2} &= \\ \sqrt{64} & \\ x &= \sqrt{64} \end{aligned}$$

$$\begin{aligned} 8) \quad x^2 &= 16 \\ \sqrt{x^2} &= \\ \sqrt{16} & \\ x &= \sqrt{16} \end{aligned}$$

$$\begin{aligned} 9) \quad x^3 &= 343 \\ \sqrt[3]{x^3} &= \sqrt[3]{343} \\ x &= \sqrt[3]{343} \end{aligned}$$

$$\begin{aligned} 10) \quad x^2 &= 144 \\ \sqrt{x^2} &= \\ \sqrt{144} & \\ x &= \sqrt{144} \end{aligned}$$

$$\begin{aligned} 11) \quad x^3 &= 125 \\ \sqrt[3]{x^3} &= \sqrt[3]{125} \\ x &= \sqrt[3]{125} \end{aligned}$$

$$\begin{aligned} 12) \quad x^3 &= 27 \\ \sqrt[3]{x^3} &= \sqrt[3]{27} \\ x &= \sqrt[3]{27} \end{aligned}$$

$$\begin{aligned} 13) \quad x^2 &= 49 \\ \sqrt{x^2} &= \\ \sqrt{49} & \\ x &= \sqrt{49} \end{aligned}$$

$$\begin{aligned} 14) \quad x^2 &= 81 \\ \sqrt{x^2} &= \\ \sqrt{81} & \\ x &= \sqrt{81} \end{aligned}$$

$$\begin{aligned} 15) \quad x^3 &= 512 \\ \sqrt[3]{x^3} &= \sqrt[3]{512} \\ x &= \sqrt[3]{512} \end{aligned}$$

$$\begin{aligned} 16) \quad x^2 &= 121 \\ \sqrt{x^2} &= \\ \sqrt{121} & \\ x &= \sqrt{121} \end{aligned}$$

$$\begin{aligned} 17) \quad x^3 &= 1,000 \\ \sqrt[3]{x^3} &= \sqrt[3]{1,000} \\ x &= \sqrt[3]{1,000} \end{aligned}$$

$$\begin{aligned} 18) \quad x^3 &= 729 \\ \sqrt[3]{x^3} &= \sqrt[3]{729} \\ x &= \sqrt[3]{729} \end{aligned}$$

$$\begin{aligned} 19) \quad x^2 &= 1 \\ \sqrt{x^2} &= \\ \sqrt{1} & \\ x &= \sqrt{1} \end{aligned}$$

$$\begin{aligned} 20) \quad x^3 &= 8 \\ \sqrt[3]{x^3} &= \sqrt[3]{8} \\ x &= \sqrt[3]{8} \end{aligned}$$

$$\begin{aligned} 21) \quad x^2 &= 36 \\ \sqrt{x^2} &= \\ \sqrt{36} & \\ x &= \sqrt{36} \end{aligned}$$

Answers1. 22. 43. 104. 65. 56. 37. 88. 49. 710. 1211. 512. 313. 714. 915. 816. 1117. 1018. 919. 120. 221. 6