









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

































Find the positive value of x.

1)  $x^3 = 216$

$$\sqrt[3]{x^3} = \sqrt[3]{216}$$

$$x = \sqrt[3]{216}$$

2)  $x^2 = 121$

$$\sqrt{x^2} =$$

$$\sqrt{121}$$

$$x = \sqrt{121}$$

3)  $x^2 = 1$

$$\sqrt{x^2} =$$

$$\sqrt{1}$$

$$x = \sqrt{1}$$

4)  $x^3 = 1$

$$\sqrt[3]{x^3} = \sqrt[3]{1}$$

$$x = \sqrt[3]{1}$$

5)  $x^2 = 64$

$$\sqrt{x^2} =$$

$$\sqrt{64}$$

$$x = \sqrt{64}$$

6)  $x^3 = 27$

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$$x = \sqrt[3]{27}$$

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$$x = \sqrt{25}$$

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$$\sqrt{16}$$

$$x = \sqrt{16}$$

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10)  $x^3 = 729$

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$$x = \sqrt[3]{729}$$

11)  $x^3 = 343$

$$\sqrt[3]{x^3} = \sqrt[3]{343}$$

$$x = \sqrt[3]{343}$$

12)  $x^2 = 81$

$$\sqrt{x^2} =$$

$$\sqrt{81}$$

$$x = \sqrt{81}$$

13)  $x^3 = 1,000$

$$\sqrt[3]{x^3} = \sqrt[3]{1,000}$$

$$x = \sqrt[3]{1,000}$$

14)  $x^2 = 49$

$$\sqrt{x^2} =$$

$$\sqrt{49}$$

$$x = \sqrt{49}$$

15)  $x^2 = 144$

$$\sqrt{x^2} =$$

$$\sqrt{144}$$

$$x = \sqrt{144}$$

16)  $x^2 = 100$

$$\sqrt{x^2} =$$

$$\sqrt{100}$$

$$x = \sqrt{100}$$

17)  $x^3 = 8$

$$\sqrt[3]{x^3} = \sqrt[3]{8}$$

$$x = \sqrt[3]{8}$$

18)  $x^3 = 64$

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$$x = \sqrt[3]{64}$$

19)  $x^2 = 4$

$$\sqrt{x^2} =$$

$$\sqrt{4}$$

$$x = \sqrt{4}$$

20)  $x^2 = 36$

$$\sqrt{x^2} =$$

$$\sqrt{36}$$

$$x = \sqrt{36}$$

21)  $x^2 = 9$

$$\sqrt{x^2} =$$

$$\sqrt{9}$$

$$x = \sqrt{9}$$

**Answers**1. 62. 113. 14. 15. 86. 37. 58. 49. 810. 911. 712. 913. 1014. 715. 1216. 1017. 218. 419. 220. 621. 3





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20)  $x^3 = 8$

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$$x = \sqrt[3]{8}$$

21)  $x^2 = 36$

$$\sqrt{x^2} =$$

$$\sqrt{36}$$

$$x = \sqrt{36}$$

**Answers**1. 22. 43. 104. 65. 56. 37. 88. 49. 710. 1211. 512. 313. 714. 915. 816. 1117. 1018. 919. 120. 221. 6