





Find the positive value of x.

Answers

1)  $x^2 = 4$

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

$$\sqrt{4}$$

$$x = \sqrt{4}$$

2)  $x^2 = 9$

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

$$\sqrt{9}$$

$$x = \sqrt{9}$$

3)  $x^3 = 125$

$$\sqrt[3]{x^3} = \sqrt[3]{125}$$

$$x = \sqrt[3]{125}$$

4)  $x^2 = 144$

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

$$\sqrt{144}$$

$$x = \sqrt{144}$$

5)  $x^2 = 49$

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

$$\sqrt{49}$$

$$x = \sqrt{49}$$

6)  $x^3 = 64$

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

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

7)  $x^2 = 81$

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

$$\sqrt{81}$$

$$x = \sqrt{81}$$

8)  $x^2 = 25$

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

$$\sqrt{25}$$

$$x = \sqrt{25}$$

9)  $x^3 = 1$

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

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

10)  $x^3 = 1,000$

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

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

11)  $x^3 = 8$

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

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

12)  $x^3 = 512$

$$\sqrt[3]{x^3} = \sqrt[3]{512}$$

$$x = \sqrt[3]{512}$$

13)  $x^2 = 64$

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

$$\sqrt{64}$$

$$x = \sqrt{64}$$

14)  $x^3 = 343$

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

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

15)  $x^3 = 216$

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

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

16)  $x^2 = 121$

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

$$\sqrt{121}$$

$$x = \sqrt{121}$$

17)  $x^2 = 100$

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

$$\sqrt{100}$$

$$x = \sqrt{100}$$

18)  $x^3 = 729$

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

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

19)  $x^2 = 36$

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

$$\sqrt{36}$$

$$x = \sqrt{36}$$

20)  $x^2 = 16$

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

$$\sqrt{16}$$

$$x = \sqrt{16}$$

21)  $x^3 = 27$

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

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

1. 22. 33. 54. 125. 76. 47. 98. 59. 110. 1011. 212. 813. 814. 715. 616. 1117. 1018. 919. 620. 421. 3





Find the positive value of x.

Answers

1)  $x^2 = 1$

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

$$\sqrt{1}$$

$$x = \sqrt{1}$$

2)  $x^2 = 100$

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

$$\sqrt{100}$$

$$x = \sqrt{100}$$

3)  $x^3 = 729$

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

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

4)  $x^3 = 27$

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

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

5)  $x^3 = 512$

$$\sqrt[3]{x^3} = \sqrt[3]{512}$$

$$x = \sqrt[3]{512}$$

6)  $x^2 = 49$

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

$$\sqrt{49}$$

$$x = \sqrt{49}$$

7)  $x^2 = 36$

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

$$\sqrt{36}$$

$$x = \sqrt{36}$$

8)  $x^3 = 216$

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

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

9)  $x^2 = 64$

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

$$\sqrt{64}$$

$$x = \sqrt{64}$$

10)  $x^2 = 121$

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

$$\sqrt{121}$$

$$x = \sqrt{121}$$

11)  $x^2 = 16$

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

$$\sqrt{16}$$

$$x = \sqrt{16}$$

12)  $x^3 = 64$

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

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

13)  $x^2 = 81$

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

$$\sqrt{81}$$

$$x = \sqrt{81}$$

14)  $x^2 = 4$

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

$$\sqrt{4}$$

$$x = \sqrt{4}$$

15)  $x^2 = 25$

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

$$\sqrt{25}$$

$$x = \sqrt{25}$$

16)  $x^2 = 144$

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

$$\sqrt{144}$$

$$x = \sqrt{144}$$

17)  $x^3 = 1$

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

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

18)  $x^3 = 8$

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

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

19)  $x^3 = 1,000$

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

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

20)  $x^3 = 343$

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

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

21)  $x^3 = 125$

$$\sqrt[3]{x^3} = \sqrt[3]{125}$$

$$x = \sqrt[3]{125}$$

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.

Answers

1)  $x^2 = 25$

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

$$\sqrt{25}$$

$$x = \sqrt{25}$$

2)  $x^3 = 729$

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

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

3)  $x^3 = 27$

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

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

4)  $x^3 = 1$

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

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

5)  $x^3 = 512$

$$\sqrt[3]{x^3} = \sqrt[3]{512}$$

$$x = \sqrt[3]{512}$$

6)  $x^3 = 216$

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

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

7)  $x^2 = 100$

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

$$\sqrt{100}$$

$$x = \sqrt{100}$$

8)  $x^3 = 125$

$$\sqrt[3]{x^3} = \sqrt[3]{125}$$

$$x = \sqrt[3]{125}$$

9)  $x^2 = 16$

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

$$\sqrt{16}$$

$$x = \sqrt{16}$$

10)  $x^2 = 36$

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

$$\sqrt{36}$$

$$x = \sqrt{36}$$

11)  $x^3 = 1,000$

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

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

12)  $x^3 = 8$

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

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

13)  $x^3 = 64$

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

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

14)  $x^3 = 343$

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

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

15)  $x^2 = 121$

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

$$\sqrt{121}$$

$$x = \sqrt{121}$$

16)  $x^2 = 1$

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

$$\sqrt{1}$$

$$x = \sqrt{1}$$

17)  $x^2 = 49$

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

$$\sqrt{49}$$

$$x = \sqrt{49}$$

18)  $x^2 = 4$

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

$$\sqrt{4}$$

$$x = \sqrt{4}$$

19)  $x^2 = 81$

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

$$\sqrt{81}$$

$$x = \sqrt{81}$$

20)  $x^2 = 9$

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

$$\sqrt{9}$$

$$x = \sqrt{9}$$

21)  $x^2 = 64$

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

$$\sqrt{64}$$

$$x = \sqrt{64}$$

1. 5

2. 9

3. 3

4. 1

5. 8

6. 6

7. 10

8. 5

9. 4

10. 6

11. 10

12. 2

13. 4

14. 7

15. 11

16. 1

17. 7

18. 2

19. 9

20. 3

21. 8





Find the positive value of x.

Answers

1)  $x^2 = 16$

$\sqrt{x^2} =$

$\sqrt{16}$

$x = \sqrt{16}$

2)  $x^2 = 36$

$\sqrt{x^2} =$

$\sqrt{36}$

$x = \sqrt{36}$

3)  $x^2 = 9$

$\sqrt{x^2} =$

$\sqrt{9}$

$x = \sqrt{9}$

4)  $x^2 = 49$

$\sqrt{x^2} =$

$\sqrt{49}$

$x = \sqrt{49}$

5)  $x^2 = 81$

$\sqrt{x^2} =$

$\sqrt{81}$

$x = \sqrt{81}$

6)  $x^3 = 125$

$\sqrt[3]{x^3} = \sqrt[3]{125}$

$x = \sqrt[3]{125}$

7)  $x^2 = 144$

$\sqrt{x^2} =$

$\sqrt{144}$

$x = \sqrt{144}$

8)  $x^3 = 64$

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

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

9)  $x^3 = 343$

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

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

10)  $x^3 = 27$

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

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

11)  $x^2 = 64$

$\sqrt{x^2} =$

$\sqrt{64}$

$x = \sqrt{64}$

12)  $x^3 = 512$

$\sqrt[3]{x^3} = \sqrt[3]{512}$

$x = \sqrt[3]{512}$

13)  $x^3 = 216$

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

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

14)  $x^2 = 121$

$\sqrt{x^2} =$

$\sqrt{121}$

$x = \sqrt{121}$

15)  $x^2 = 4$

$\sqrt{x^2} =$

$\sqrt{4}$

$x = \sqrt{4}$

16)  $x^3 = 1,000$

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

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

17)  $x^3 = 729$

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

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

18)  $x^2 = 25$

$\sqrt{x^2} =$

$\sqrt{25}$

$x = \sqrt{25}$

19)  $x^2 = 1$

$\sqrt{x^2} =$

$\sqrt{1}$

$x = \sqrt{1}$

20)  $x^3 = 1$

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

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

21)  $x^3 = 8$

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

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

1. 42. 63. 34. 75. 96. 57. 128. 49. 710. 311. 812. 813. 614. 1115. 216. 1017. 918. 519. 120. 121. 2





























Find the positive value of x.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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