



Find the positive value of x.

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) $x^3 = 27$

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

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

Answers1. 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.

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) $x^3 = 8$

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

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

Answers1. 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.

Answers

1) $x^2 = 1$

$\sqrt{x^2} =$

$\sqrt{1}$

$x = \sqrt{1}$

2) $x^2 = 64$

$\sqrt{x^2} =$

$\sqrt{64}$

$x = \sqrt{64}$

3) $x^2 = 9$

$\sqrt{x^2} =$

$\sqrt{9}$

$x = \sqrt{9}$

4) $x^2 = 36$

$\sqrt{x^2} =$

$\sqrt{36}$

$x = \sqrt{36}$

5) $x^3 = 64$

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

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

6) $x^2 = 25$

$\sqrt{x^2} =$

$\sqrt{25}$

$x = \sqrt{25}$

7) $x^2 = 49$

$\sqrt{x^2} =$

$\sqrt{49}$

$x = \sqrt{49}$

8) $x^2 = 4$

$\sqrt{x^2} =$

$\sqrt{4}$

$x = \sqrt{4}$

9) $x^2 = 100$

$\sqrt{x^2} =$

$\sqrt{100}$

$x = \sqrt{100}$

10) $x^3 = 27$

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

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

11) $x^3 = 512$

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

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

12) $x^3 = 343$

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

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

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) $x^2 = 16$

$\sqrt{x^2} =$

$\sqrt{16}$

$x = \sqrt{16}$

16) $x^3 = 1$

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

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

17) $x^3 = 125$

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

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

18) $x^3 = 8$

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

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

19) $x^2 = 144$

$\sqrt{x^2} =$

$\sqrt{144}$

$x = \sqrt{144}$

20) $x^3 = 729$

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

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

21) $x^3 = 1,000$

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

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

1. 12. 83. 34. 65. 46. 57. 78. 29. 1010. 311. 812. 713. 614. 1115. 416. 117. 518. 219. 1220. 921. 10



Find the positive value of x.

Answers

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) $x^3 = 27$

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

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

7) $x^2 = 25$

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

$$\sqrt{25}$$

$$x = \sqrt{25}$$

8) $x^2 = 16$

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

$$\sqrt{16}$$

$$x = \sqrt{16}$$

9) $x^3 = 512$

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

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

10) $x^3 = 729$

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

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

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) $x^3 = 64$

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

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

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) $x^2 = 9$

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

$$\sqrt{9}$$

$$x = \sqrt{9}$$

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



Find the positive value of x.

1) $x^2 = 4$

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

$$\sqrt{4}$$

$$x = \sqrt{4}$$

2) $x^3 = 64$

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

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

3) $x^2 = 100$

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

$$\sqrt{100}$$

$$x = \sqrt{100}$$

4) $x^3 = 216$

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

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

5) $x^2 = 25$

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

$$\sqrt{25}$$

$$x = \sqrt{25}$$

6) $x^2 = 9$

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

$$\sqrt{9}$$

$$x = \sqrt{9}$$

7) $x^2 = 64$

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

$$\sqrt{64}$$

$$x = \sqrt{64}$$

8) $x^2 = 16$

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

$$\sqrt{16}$$

$$x = \sqrt{16}$$

9) $x^3 = 343$

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

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

10) $x^2 = 144$

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

$$\sqrt{144}$$

$$x = \sqrt{144}$$

11) $x^3 = 125$

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

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

12) $x^3 = 27$

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

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

13) $x^2 = 49$

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

$$\sqrt{49}$$

$$x = \sqrt{49}$$

14) $x^2 = 81$

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

$$\sqrt{81}$$

$$x = \sqrt{81}$$

15) $x^3 = 512$

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

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

16) $x^2 = 121$

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

$$\sqrt{121}$$

$$x = \sqrt{121}$$

17) $x^3 = 1,000$

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

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

18) $x^3 = 729$

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

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

19) $x^2 = 1$

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

$$\sqrt{1}$$

$$x = \sqrt{1}$$

20) $x^3 = 8$

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

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

21) $x^2 = 36$

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

$$\sqrt{36}$$

$$x = \sqrt{36}$$

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