



Find the positive value of x.

1)  $x^3 = 1,000^{-1}$

2)  $x^3 = 8^{-1}$

3)  $x^3 = 27^{-1}$

4)  $x^3 = 64^{-1}$

5)  $x^3 = 125^{-1}$

6)  $x^3 = 216^{-1}$

7)  $x^3 = 343^{-1}$

8)  $x^3 = 512^{-1}$

9)  $x^3 = 729^{-1}$

10)  $x^3 = 1,000^{-1}$

11)  $x^2 = 1^{-1}$

12)  $x^2 = 4^{-1}$

13)  $x^2 = 9^{-1}$

14)  $x^2 = 16^{-1}$

15)  $x^2 = 25^{-1}$

16)  $x^2 = 36^{-1}$

17)  $x^2 = 49^{-1}$

18)  $x^2 = 64^{-1}$

19)  $x^2 = 81^{-1}$

20)  $x^2 = 100^{-1}$

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_



Find the positive value of x.

Answers

1)  $x^3 = 1,000^{-1}$

$\frac{1}{x^3} = \frac{1}{1,000}$

$x^3 = 1,000$

3)  $x^3 = 27^{-1}$

$\frac{1}{x^3} = \frac{1}{27}$

$x^3 = 27$

5)  $x^3 = 125^{-1}$

$\frac{1}{x^3} = \frac{1}{125}$

$x^3 = 125$

7)  $x^3 = 343^{-1}$

$\frac{1}{x^3} = \frac{1}{343}$

$x^3 = 343$

9)  $x^3 = 729^{-1}$

$\frac{1}{x^3} = \frac{1}{729}$

$x^3 = 729$

11)  $x^2 = 1^{-1}$

$\frac{1}{x^2} = \frac{1}{1}$

$x^2 = 1$

13)  $x^2 = 9^{-1}$

$\frac{1}{x^2} = \frac{1}{9}$

$x^2 = 9$

15)  $x^2 = 25^{-1}$

$\frac{1}{x^2} = \frac{1}{25}$

$x^2 = 25$

17)  $x^2 = 49^{-1}$

$\frac{1}{x^2} = \frac{1}{49}$

$x^2 = 49$

19)  $x^2 = 81^{-1}$

$\frac{1}{x^2} = \frac{1}{81}$

$x^2 = 81$

2)  $x^3 = 8^{-1}$

$\frac{1}{x^3} = \frac{1}{8}$

$x^3 = 8$

4)  $x^3 = 64^{-1}$

$\frac{1}{x^3} = \frac{1}{64}$

$x^3 = 64$

6)  $x^3 = 216^{-1}$

$\frac{1}{x^3} = \frac{1}{216}$

$x^3 = 216$

8)  $x^3 = 512^{-1}$

$\frac{1}{x^3} = \frac{1}{512}$

$x^3 = 512$

10)  $x^3 = 1,000^{-1}$

$\frac{1}{x^3} = \frac{1}{1,000}$

$x^3 = 1,000$

12)  $x^2 = 4^{-1}$

$\frac{1}{x^2} = \frac{1}{4}$

$x^2 = 4$

14)  $x^2 = 16^{-1}$

$\frac{1}{x^2} = \frac{1}{16}$

$x^2 = 16$

16)  $x^2 = 36^{-1}$

$\frac{1}{x^2} = \frac{1}{36}$

$x^2 = 36$

18)  $x^2 = 64^{-1}$

$\frac{1}{x^2} = \frac{1}{64}$

$x^2 = 64$

20)  $x^2 = 100^{-1}$

$\frac{1}{x^2} = \frac{1}{100}$

$x^2 = 100$

1. 102. 23. 34. 45. 56. 67. 78. 89. 910. 1011. 112. 213. 314. 415. 516. 617. 718. 819. 920. 10