



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.

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

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

$$x^2 = 100$$

Answers1. 102. 23. 34. 45. 56. 67. 78. 89. 910. 1011. 112. 213. 314. 415. 516. 617. 718. 819. 920. 10