

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. **10**2. **2**3. **3**4. **4**5. **5**6. **6**7. **7**8. **8**9. **9**10. **10**11. **1**12. **2**13. **3**14. **4**15. **5**16. **6**17. **7**18. **8**19. **9**20. **10**