



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.

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

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

$$x^3 = 1,000$$

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

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

$$x^3 = 27$$

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

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

$$x^3 = 125$$

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

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

$$x^3 = 343$$

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

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

$$x^3 = 729$$

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

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

$$x^2 = 1$$

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

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

$$x^2 = 9$$

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

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

$$x^2 = 25$$

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

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

$$x^2 = 49$$

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

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

$$x^2 = 81$$

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

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

$$x^3 = 8$$

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

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

$$x^3 = 64$$

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

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

$$x^3 = 216$$

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

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

$$x^3 = 512$$

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

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

$$x^3 = 1,000$$

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

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

$$x^2 = 4$$

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

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

$$x^2 = 16$$

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

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

$$x^2 = 36$$

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

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

$$x^2 = 64$$

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

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

$$x^2 = 100$$

Answers

1. **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**



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

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

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
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20. _____