



Find the positive value of x.

1)  $x^3 = 8$

2)  $x^3 = 27$

3)  $x^3 = 64$

4)  $x^3 = 125$

5)  $x^3 = 216$

6)  $x^3 = 343$

7)  $x^3 = 512$

8)  $x^3 = 729$

9)  $x^3 = 1,000$

10)  $x^2 = 1$

11)  $x^2 = 4$

12)  $x^2 = 9$

13)  $x^2 = 16$

14)  $x^2 = 25$

15)  $x^2 = 36$

16)  $x^2 = 49$

17)  $x^2 = 64$

18)  $x^2 = 81$

19)  $x^2 = 100$

20)  $x^2 = 121$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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1)  $x^3 = 8$

$$\sqrt[3]{x^3} = \sqrt[3]{8}$$
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2)  $x^3 = 27$

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5)  $x^3 = 216$

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6)  $x^3 = 343$

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7)  $x^3 = 512$

$$\sqrt[3]{x^3} = \sqrt[3]{512}$$
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8)  $x^3 = 729$

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

9)  $x^3 = 1,000$

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10)  $x^2 = 1$

$$\sqrt{x^2} = \sqrt{1}$$
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11)  $x^2 = 4$

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16)  $x^2 = 49$

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17)  $x^2 = 64$

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18)  $x^2 = 81$

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19)  $x^2 = 100$

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20)  $x^2 = 121$

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Answers1. 22. 33. 44. 55. 66. 77. 88. 99. 1010. 111. 212. 313. 414. 515. 616. 717. 818. 919. 1020. 11