

Cube Root Worksheet — Vedic Method (Perfect Cubes)

Method: group the digits in threes from the right — first group gives the leading digit, the last digit gives the trailing digit.

Find each cube root. Last-digit guide: 1, 4, 5, 6, 9, 0 stay the same; $2 \leftrightarrow 8$ and $3 \leftrightarrow 7$ swap.

Name: _____

Date: _____

Score: _____ / 20

1) $\sqrt[3]{50653} =$

Answer: _____

2) $\sqrt[3]{857375} =$

Answer: _____

3) $\sqrt[3]{226981} =$

Answer: _____

4) $\sqrt[3]{830584} =$

Answer: _____

5) $\sqrt[3]{54872} =$

Answer: _____

6) $\sqrt[3]{68921} =$

Answer: _____

7) $\sqrt[3]{1728} =$

Answer: _____

8) $\sqrt[3]{729000} =$

Answer: _____

9) $\sqrt[3]{110592} =$

Answer: _____

10) $\sqrt[3]{205379} =$

Answer: _____

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11) $\sqrt[3]{250047} =$

Answer: _____

12) $\sqrt[3]{438976} =$

Answer: _____

13) $\sqrt[3]{389017} =$

Answer: _____

14) $\sqrt[3]{343000} =$

Answer: _____

15) $\sqrt[3]{274625} =$

Answer: _____

16) $\sqrt[3]{551368} =$

Answer: _____

17) $\sqrt[3]{6859} =$

Answer: _____

18) $\sqrt[3]{884736} =$

Answer: _____

19) $\sqrt[3]{704969} =$

Answer: _____

20) $\sqrt[3]{216000} =$

Answer: _____

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1) 37	2) 95	3) 61	4) 94
5) 38	6) 41	7) 12	8) 90
9) 48	10) 59	11) 63	12) 76
13) 73	14) 70	15) 65	16) 82
17) 19	18) 96	19) 89	20) 60