

1. Use your calculator to work out 0.7^3

1.

2. Use your calculator to work out $\sqrt[3]{5.832}$

Give your answer as a decimal.

2.

3. Jett and Landon work out 1000^3

Jett says the answer is 10

Landon says the answer is 1 000 000 000 or a billion

Who is correct?

You must explain your answer.

.....

.....

4. Jett and Landon work out $\sqrt[3]{1000}$

Jett says the answer is 10

Landon says the answer is 1 000 000 000 or a billion

Who is correct?

You must explain your answer.

.....

.....

Answers

1. 0.343
2. 1.8
3. Landon is correct because $1000 \times 1000 \times 1000$ (= a billion)
or Jett is wrong because he worked out cube root or $10 \times 10 \times 10$
4. Jett is correct because $10 \times 10 \times 10$ (= 1000) or mentions cube root
or Landon is wrong because he worked out 1000^3 or $1000 \times 1000 \times 1000$
give the benefit of the doubt on explanations