

DO AS DIRECTED

1. Is 9000 a perfect cube?
2. By which smallest number should 42592 be divided so that the quotient is a perfect cube?
3. Show that 46656 is a perfect cube.
4. By which smallest number should 704 be divided to obtain a perfect cube?
5. Find the cube root of 9197.
6. Show that 384 is not a perfect cube.
7. By which smallest number should 648 be multiplied so that the product is a perfect cube?
8. Find the number whose cube is 27000.