Name _____   Score:

Cube Root Quiz

1. Which of the following numbers is a perfect cube?

(a) 1525

(b) 1728

(c) 1458

(d) 3993

2. Which of the following numbers is not a perfect cube?

(a) 2197

(b) 512

(c) 2916

(d) 343

3. What least number must be multiplied to 6912 so that the product becomes a perfect cube?

(a) 2

(b) 3

(c) 4

(d) 6

4. What is the least number by which 46305 must be divided so that the quotient is a perfect cube?

(a) 2

(b) 3

(c) 5

(d) 6

5. $\sqrt[3]{5832}$ =?

(a) 22

(b) 18

(c) 16

(d) 14

6. Evaluate: $\sqrt[3]{[(- 1728)/2744]}$

(a) -6/11

(b) – 6/7

(c) -3/4

(d) -12/17