

Name _____

Score:

Cube & Square Root Quiz-2

1. If $a = 0.1039$, then the value of $\sqrt{4a^2 + 1 + 3a}$ is:
A. 0.1039
B. 0.2078
C. 1.1039
D. 2.1039
2. If $x = \frac{\sqrt{3+1}}{\sqrt{3-1}}$ and $y = \frac{\sqrt{3-1}}{\sqrt{3+1}}$, then the value of $(x^2 + y^2)$ is:
A. 10
B. 13
C. 14
D. 15
3. A group of students decided to collect as many paise from each member of group as is the number of members. If the total collection amounts to Rs. 59.29, the number of the member is the group is:
A. 57
B. 67
C. 77
D. 87
4. The square root of $(7 + 3\sqrt{5})(7 - 3\sqrt{5})$ is:
A. $\sqrt{5}$
B. 2
C. 4
D. $3\sqrt{5}$
5. If $\sqrt{5} = 2.236$, then the value of $\frac{\sqrt{5}}{2} - \frac{10}{\sqrt{5}} + \sqrt{125}$ is equal to?
A. 5.59
B. 7.826
C. 8.944
D. 10.062

Answers: C, C, C, B, B

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