***NIGAT KOKEB P.P, PRIMERY AND MIDDLE SCHOOL***

**7th**

**MATHEMATICS WORKSHEET FOR GRADE 8TH YEAR2017 E.C.(ONLY UNIT TWO)**

1. Which one of the following number is NOT a perfect cube number
2. 8
3. 27
4. 64
5. 81
6. If $=2^{3}×3^{3}$ , then what is the cube root of $x$?
7. 5
8. 6
9. 8
10. 9
11. Which one of the following is the simplified form of $\frac{1}{3}(\sqrt[3]{\frac{81}{3}})$is \_\_\_\_\_\_\_\_\_
12. $\frac{1}{3}$
13. $\frac{1}{2}$
14. 1
15. 3
16. Which one of the following is a perfect cube?
17. 100
18. 225
19. 0.04
20. 343
21. Which of the following statements is true?
22. The cube of a negative number is positive
23. The cube of positive numbers is negative
24. The cube of a negative number is negative
25. The cube zero is negative number
26. What is the cube root of $\frac{32}{108}$ is \_\_\_\_\_
27. $\frac{3}{2}$
28. $\frac{2}{3}$
29. $\frac{4}{9}$
30. $\frac{5}{9}$
31. Which one of the following is not a cube number?
32. 64
33. 729
34. 121
35. 125
36. The cube root of $\frac{64}{729}$is equal to \_\_\_\_\_\_\_\_?
37. $\frac{8}{27}$
38. $\frac{4}{9}$
39. $\frac{8}{9}$
40. $\frac{4}{27}$
41. Which of the following is NOT true?
42. 0.09 is perfect square number
43. $-\sqrt{100}=-10$
44. (3.2)2 is between 16 and 17
45. $-\sqrt[3]{1000}=-10$
46. Which one of the following number is considered as both perfect square and perfect cube?
47. 25
48. 36
49. 49
50. 64
51. If $\sqrt[3]{x}=2,$ then the value of $x$2 is equal to?
52. 2
53. 8
54. 16
55. 64
56. Which of the following is FALSE?
57. $\sqrt[3]{-8}=-2$
58. $-\sqrt[3]{-27}=3$
59. $\frac{\sqrt[3]{8}}{\sqrt[3]{1000}}=\frac{1}{5}$
60. $-\sqrt[3]{\frac{1}{81}}=\frac{1}{9}$
61. What is the cube root of the number 0.000343?
62. 0.0049
63. 0.49
64. 0.007
65. 0.07
66. Which of the following numbers is paired with its cube root?
67. 64 & 4
68. 144 & 12
69. 1000 & 100
70. 16 & 4
71. . If (3.45)3 =x then the value of (0.345)3 is
72. $\frac{x}{1000}$
73. $1000x$
74. $\frac{x}{100}$
75. $-100x$
76. What is the inverse process of multiply a number by itself three times
77. Cube of the number
78. cube root of the number
79. square root of the number
80. square of the number
81. Which one of the following algebraic expression is not perfect cube?
82. 27X3Y3
83. 8X15Y3
84. 64a3b6
85. Y5Z12
86. Which one of the following is not a perfect cube number?
87. 125
88. 252
89. 343
90. 512
91. Which one of the following is the cube root of0.008?
92. 0.0002
93. 0.002
94. 0.02
95. 0.2
96. Which one of the following is equal to the cube of$\frac{3}{5}$?
97. $\frac{27}{125}$
98. $\frac{9}{25}$
99. $\frac{9}{15}$
100. $\frac{6}{10}$
101. Which one of the following is true about a=b3
102. b is the cube of a
103. b is the cube root of a
104. a is the cube root of b
105. All
106. Which one of the following is not true?
107. $\sqrt[3]{\frac{27}{64}}=\frac{3}{4}$
108. $\sqrt[3]{\frac{8}{64}}=\frac{1}{2}$
109. $\sqrt[3]{125}=5$
110. $\sqrt[3]{64}=-3$
111. What is the value of x in equation $\sqrt[3]{4X+3}=3$ ?
112. 6
113. 9
114. 24
115. 27
116. Which of the following numbers is neither a perfect square and a perfect cube?
117. -8
118. 32
119. 36
120. 81
121. If $\sqrt[3]{y+3}$ = 8 Find the value of y.
122. 512
123. 612
124. 509
125. 609
126. What is the simplified form of $\frac{\sqrt[3]{-81}}{\sqrt[3]{3}}$ ?
127. -27
128. -3
129. 3
130. 27
131. Which of the following numbers is paired with its cube root?
132. 20,736 & 12
133. 1,000 & 100
134. 3,375 and 15
135. 16 and 4
136. In the expression Y = $\sqrt[3]{X}$ then X is said to be.
137. Radical
138. Radicand
139. Index
140. cube root
141. If $\sqrt[3]{x}$ = -3 then the value of X is
142. -27
143. 27
144. -9
145. 9
146. Which one of the following statement is not correct
147. $2^{3}$ = 2 × 3
148. $\left(\frac{3}{4}\right)^{3}$= $\frac{27}{64}$
149. $8^{3}$ = 64× 8
150. $\left(-3\right)^{3}$ = -27
151. If $\sqrt[3]{6.13}=4.89$, then $\sqrt[3]{6130}$ is equals to \_\_\_\_
152. 48.9
153. 0.489
154. 489000
155. 0.00489
156. What is the cube root of the number 0.000216?
157. 0.006
158. 0.16
159. 0.06
160. 0.016

*Prepared by: Mathematics department*