

MCQ-TEST1

Powers and Exponents

Name : _____ Class: _____

Chose the correct answer and writ in given bracket:

1. $2^2 = \dots\dots$ []
 a) 2×2 b) $2 \times 2 \times 2$ c) 22 d) 0

2. $3^2 = \dots\dots$ []
 a) $2 \times 2 \times 2$ b) 3×3 c) 1 d) 6

3. $5^3 = \dots\dots\dots$ []
 a) 7×7 b) $5 \times 5 \times 5$ c) $3 \times 3 \times 3 \times 3 \times 3$ d) 15

4. $10^0 = \dots\dots\dots$ []
 a) 1 b) 10 c) 0 d) 100

5. $1^2 + 2^2 + 3^2 = \dots\dots$ []
 a) 14 b) 10 c) 13 d) 12

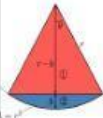
6. $2^2(2 + 2^0) = \dots\dots$ []
 a) 21 b) 12 c) 19 d) 0

7. $10 \times 10 \times 10 \times 10 = \dots\dots$ []
 a) 2^{10} b) 10^5 c) 10^4 d) 4

8. $(2^3)^2 = \dots\dots$ []
 a) 2^6 b) 2^5 c) 2^1 d) 232

9. $3^{-1} + \left(\frac{1^2}{3^0}\right) - \left(\frac{2^0}{1^{-1}}\right) = \dots\dots$ []
 a) 3 b) $\frac{1}{3}$ c) 4 d) 2

10. $1^0 + 2^0 + 3^0 + 4^0 + 5^0 + \dots\dots + 100^0$ []
 a) 10 b) 300 c) 100 d) 1000



1



3

4



5

π



6



7

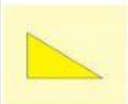
11



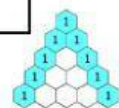
$\times$

10

24



What are the missing numbers?



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