



EXPONENTS AND POWERS

Class 7 to 9

WORKSHEET-1

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Worksheet – 1

Exponents and Powers

Grade VII, VIII and IX

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1) Which of the following is correct? Justify your answer.

a) $2^3 = 8$ or

b) $2^3 = 6$

2) Evaluate:

$$2^4 = ?$$

3) Evaluate:

$$3^5 = ?$$

4) Evaluate:

$$2^{10} = ?$$

5) Evaluate:

$$4^3 = ?$$

6) Evaluate:

$$3^3 + 2^3 = ?$$

7) Evaluate:

$$3^3 - 2^3 = ?$$

8) Evaluate:

$$3^3 \times 2^3 = ?$$

9) Evaluate:

$$2^3 \times 2^2 = ?$$

10) Evaluate:

$$5^3 \times 2^3 = ?$$

11) Evaluate:

$$10^3 \times 5^2 = ?$$

12) Evaluate:

$$4^3 \times 3^2 = ?$$

13) Evaluate:

$$4^3 \div 2^2 = ?$$

14) Evaluate:

$$6^3 \div 2^3 = ?$$

15) Evaluate:

$$(4^3 \times 4^2) \div (2^3 \times 2^2) = ?$$

Answer Key

Answer key

(a) $2^3 = 8$ is the correct answer.
Because, $2^3 = 2 \times 2 \times 2 = 8$

15)	32
14)	27
13)	16
12)	576
11)	25000
10)	1000
9)	32
8)	216
7)	19
6)	35
5)	64
4)	1024
3)	243
2)	16