MATHS CLASS III
"ADDITION"

PROPERTIES OF ADDITION

- **Order of addends**
  - Changing the order of two addends does not change the sum.
  - Example:

    3891 + 7369 = 11260

    7369 + 3891 = 11260

- **Group property**
  - When three or more numbers are added the total remains the same.
  - The numbers can be grouped in any order in addition.
  - Example:

    (9298 + 6481) + 2223 = 9298 + (6481 + 2223) = 18,002

    5083 + (3124 + 4274) = (5083+3124) + 4274 = 12,481

Q1. Fill in the blanks:

a) 2143 + (6363 + 4323) = (_____ + 2143) + 4323

b) (10859 + _____) + 5281 = (5281 + 10859) + 5631

c) 5083 + (3124 + 7427) = (7427 + _____) + 3124

d) (9284 + 6415) + 2234 = (6415 + 2234) + _____

EASY ADDING:

- **Adding 10**
  - When we add 10 to a number, the digit at tens place increases by 1.
  - Example:

    4852 + 10 = 4862

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8260 + 10 = 8270

- **Adding 100**
  - When we add 100 to a number, the digit at hundreds place increases by 1.
  - Example:

5693 + 100 = 5793
7382 + 100 = 7482

- **Adding 1000**
  - When we add 1000 to a number, the digit at thousands place increases by1.
  - Example:

6493 + 1000 = 7493

5127 + 1000 =6127

- **Multiples of 10, 100, 1000 can also be added similarly.**
  - Example:

2341+20=2361 **2341+200=2541**

2341+400=2741 **2341+3000=5341**

Q2. Add:

a) 5413 +100 = _____

b) 3124+ 10 = _____

c) 2349 + 1000 = _____

d) 4040 + 30 = _____

e) 4138 + 200 = _____

f) 5394 + 4000 = _____

LIVEWORKSHEETS