

## MATHS CLASS III

### ADDITION

#### **FINDING MISSING ADDENDS**

- Identify the sum or total
- Subtract one of the addends from the sum
- The subtraction result is the missing addend

 **Example-**  $60 + \underline{\hspace{2cm}} = 150$

$$150 - 60 = \textcolor{blue}{90}$$

#### **POINTS TO NOTE IN ABOVE EXAMPLE:**

**Sum or total (the number on the right side of the equals to sign) = 150**

**One Of the addends (one of the given numbers) = 60**

**Missing Addend (i.e. required answer) = 90**

#### **Q1. Find out the missing addends:**

a)  $6 + \underline{\hspace{2cm}} = 15$

b)  $50 + \underline{\hspace{2cm}} = 130$

c)  $100 + \underline{\hspace{2cm}} = 500$

d)  $\underline{\hspace{2cm}} + 2000 = 7000$

e)  $300 + \underline{\hspace{2cm}} = 1600$

f)  $40 + \underline{\hspace{2cm}} = 240$

g)  $\underline{\hspace{2cm}} + 1000 = 9400$

## **HORIZONTAL ADDITION**

➤ A technique to add numbers quickly, without columns, but in mind.

➤ Example:  $657+734$

➤ Add the unit's (ones) place i.e.  $4 + 7$

➤ Add the numbers at the tens place (including carry over if any) i.e.

$$3 + 5 + \underline{1}$$

➤ Lastly, add the numbers at the hundreds place (including carry over if any) i.e.  $7 + 6$

H      T      O			+	H      T      O			=	Th      H      T      O			
6	5	7		7	3	4		1	3	9	1

### **TIPS TO AVOID ERRORS**

- Write the given numbers neatly giving appropriate space between each digit.
- The addition can be cross-checked using column method in the rough column.

### **Q2. Add the numbers horizontally:**

a)  $2461 + 4582$

b)  $3350 + 1807$

c)  $3425 + 869$

d)  $6215 + 1731$

e)  $651 + 3301$