

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-** $60 + \underline{\hspace{2cm}} = 150$
 $150 - 60 = \mathbf{90}$

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. $7 + 6$

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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) $651 + 3301$