

VIDYA BHAWAN BALIKA VIDYA PITH

CLASS- 1

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SUB -MATHS

S. T - PRAGYA

BASED ON N.C.E.R.T PATTERN

CH- 3 ( ADDITION )

EXPAND AND ADD : Add 32 and 46

32 has 3 tens and 2 ones .

So, we write  $32 = 3 \text{ Tens} + 2 \text{ Ones} = 30 + 2$

And 46 has 4 tens and 6 Ones

We write  $46 = 4 \text{ tens} + 6 \text{ ones} = 40 + 6$

$$32 = 30 + 2$$

$$32$$

$$46 = 40 + 6$$

$$46$$

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$$78 = 70 + 8$$

$$78$$

We write  $32 + 46 = 78$

See example carefully and add these numbers.

PRACTICE SHEET

$$\begin{array}{r} 32 = 30 + 2 \\ + 46 = 40 + 6 \\ \hline \phantom{+} = 70 + 8 \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad \textcircled{2} \\ + 4 \quad 6 \\ \hline \textcircled{7} \quad \textcircled{8} \end{array}$$

We write  
 $32 + 46 = 78$

$$\begin{array}{r} 45 = 40 + 5 \\ + 23 = 20 + 3 \\ \hline \phantom{+} = 60 + 8 \end{array}$$

We write  
 $45 + 23 = 68$

$$\begin{array}{r} 32 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ + 46 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \phantom{+} \quad \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \therefore 32 + 46 = \textcircled{\phantom{0}} \end{array}$$

$$\begin{array}{r} 35 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ + 64 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \phantom{+} \quad \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \therefore 35 + 64 = \textcircled{\phantom{0}} \end{array}$$

$$\begin{array}{r} 44 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ + 33 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \phantom{+} \quad \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \therefore 44 + 33 = \textcircled{\phantom{0}} \end{array}$$

$$\begin{array}{r} 52 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ + 34 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \phantom{+} \quad \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \therefore 52 + 34 = \textcircled{\phantom{0}} \end{array}$$

$$\begin{array}{r} 37 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ + 42 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \phantom{+} \quad \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \therefore 37 + 42 = \textcircled{\phantom{0}} \end{array}$$

$$\begin{array}{r} 63 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ + 24 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \phantom{+} \quad \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \therefore 63 + 24 = \textcircled{\phantom{0}} \end{array}$$

$$\begin{array}{r} 77 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ + 11 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \phantom{+} \quad \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \therefore 77 + 11 = \textcircled{\phantom{0}} \end{array}$$

$$\begin{array}{r} 71 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ + 18 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \phantom{+} \quad \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \therefore 71 + 18 = \textcircled{\phantom{0}} \end{array}$$

$$\begin{array}{r} 65 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ + 22 = \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \phantom{+} \quad \textcircled{\phantom{0}} + \textcircled{\phantom{0}} \\ \hline \therefore 65 + 22 = \textcircled{\phantom{0}} \end{array}$$

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