

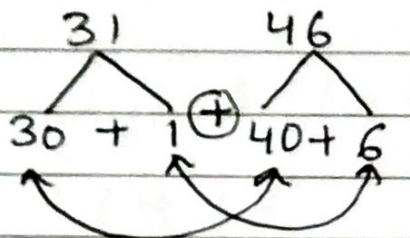
CLASS-III SUBJECT- MATHEMATICS

CH-2 ADDITION

EX. 2.1

Q1- Expand both the numbers and find the sum.

(a) $31 + 46$

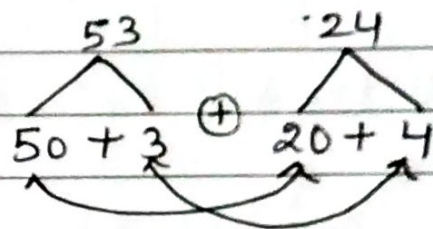


$30 + 40 \oplus 1 + 6$

$70 + 7$

77

(c) $53 + 24$

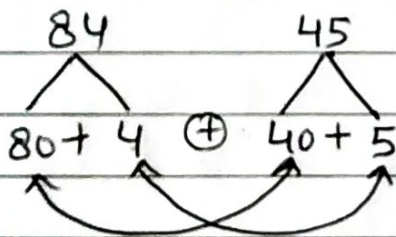


$50 + 20 \oplus 3 + 4$

$70 + 7$

77

(e) $84 + 45$

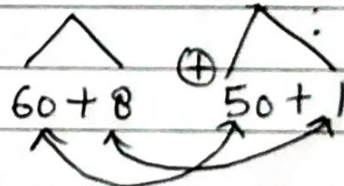


$80 + 40 \oplus 4 + 5$

$120 + 9$

129

(f) $68 + 51$



$60 + 50 \oplus 8 + 1$

$110 + 9$

119

Q2. Expand the smaller number and find the sum.

(a) $36 + 21$

$$\begin{array}{r} \downarrow \quad \wedge \\ 36 \oplus 20 + 1 \\ \wedge \\ 56 + 1 \\ \wedge \\ 57 \end{array}$$

(d) $47 + 32$

$$\begin{array}{r} \downarrow \quad \oplus \quad \wedge \\ 47 \quad \oplus \quad 30 + 2 \\ \wedge \\ 77 + 2 \\ \wedge \\ 79 \end{array}$$

(e) $62 + 24$

$$\begin{array}{r} \downarrow \quad \wedge \\ 62 \oplus 20 + 4 \\ \wedge \\ 82 + 4 \\ \wedge \\ 86 \end{array}$$

Q3. Count in tens and then add.

(a) $26 + 23$

~~sol~~ $26 + 10 + 10 + 3$

$$\begin{array}{r} \underbrace{\hspace{2cm}} \\ 36 + 10 + 3 \\ \underbrace{\hspace{1.5cm}} \\ 46 + 3 \\ \underbrace{\hspace{1cm}} \\ 49 \end{array}$$

(c) $64 + 51$

~~sol~~ $64 + 10 + 10 + 10 + 10 + 10 + 1$

$$\begin{array}{r} \underbrace{\hspace{2cm}} \\ 74 + 10 + 10 + 10 + 10 + 1 \\ \underbrace{\hspace{1.5cm}} \\ 84 + 10 + 10 + 10 + 1 \\ \underbrace{\hspace{1.2cm}} \\ 94 + 10 + 10 + 1 \\ \underbrace{\hspace{1cm}} \\ 104 + 10 + 1 \\ \underbrace{\hspace{0.8cm}} \\ 114 + 1 \\ \underbrace{\hspace{0.6cm}} \\ 115 \end{array}$$

(b) $72 + 36$

~~sol~~ $72 + 10 + 10 + 10 + 6$

$$\begin{array}{r} \underbrace{\hspace{2cm}} \\ 82 + 10 + 10 + 6 \\ \underbrace{\hspace{1.5cm}} \\ 92 + 10 + 6 \\ \underbrace{\hspace{1.2cm}} \\ 102 + 6 \\ \underbrace{\hspace{1cm}} \\ 108 \end{array}$$