

P.2 Mathematics

LESSON ONE WEEK SIX

Addition of two digit numbers with re-grouping involving word problems.

Examples

1. Musa had 34 books. Dan added him 37 more books. How many books does he have altogether?

$$34 + 37 =$$

T O (Re-arrange)

3	4	4+7=11
+	<u>3</u>	11=1 ten 1 ones
	<u>7</u>	3+3+1=7
	1	
	11	

Musa has 71 books altogether.

2. Jane has 26 cows and 46 goats. How many animals does she have altogether?

$$26 + 46 = \quad T \quad O$$

2	6	6 + 6 = 12
+	<u>4</u>	12 = 1 ten 2 ones
	<u>6</u>	2 + 4 + 1 = 7
	2	
	12	

Jane has 72 animals altogether.

Activity

- (a) Peter has 67 eggs, his friend has 14 eggs. How many eggs do they have altogether?
- (b) Aine has 73 sweets, Betty has 39 sweets. Find the sum of their sweets.
- (c) David has 94 balls, his brother gave him more 18 balls. How many balls does he have now?
- (d) Find the total of 69 and 15 chairs.

Lesson 2

Subtraction of numbers with re grouping

Example,

$$\begin{array}{r} \text{(a)} \quad \text{T} \quad \text{O} \\ 4 \quad 5 \quad 1 \quad 3 \\ - \quad 2 \quad 6 \\ \hline 2 \quad 7 \end{array}$$

Activity 1

$$\begin{array}{r} \text{(a)} \quad \text{T} \quad \text{O} \\ 3 \quad 8 \\ - 1 \quad 9 \\ \hline \hline \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \text{T} \quad \text{O} \\ 7 \quad 1 \\ - 3 \quad 4 \\ \hline \hline \end{array}$$

$$\begin{array}{r} \text{(c)} \quad \text{T} \quad \text{O} \\ 4 \quad 4 \\ - \quad 9 \\ \hline \hline \end{array}$$

$$\begin{array}{r} \text{(d)} \quad \text{T} \quad \text{O} \\ 8 \quad 6 \\ = \quad 7 \\ \hline \hline \end{array}$$

Activity 2

Re – arrange and subtract.

$$\begin{array}{r} \text{(a)} \quad 67 - 19 = \\ \text{T} \quad \text{O} \\ 6 \quad 7 \\ - 1 \quad 9 \\ \hline \hline \end{array}$$

$$\text{(b)} \quad 33 - 19 =$$

$$\text{(c)} \quad 45 - 17 =$$

$$\text{(d)} \quad 84 - 7 =$$

$$\text{(e)} \quad 70 - 3 =$$

Lesson 3

Subtraction of two digit numbers with re-grouping in word problems.

(a) A class has 40 children .12 of them are absent. How many are present?

$$40 - 12 =$$

T	O	$O = 10 - 2 = 8$
$\overset{3}{4}$	10	$T = 3 - 1 = 2$
$\begin{array}{r} - 1 \\ \hline 2 \end{array}$	$\begin{array}{r} 2 \\ \hline 8 \end{array}$	

b) Teacher had 68 pencils, he gave away 19 pencils to Kato .How many pencils did he remain with?

c) What is 46 minus 27?

d) Subtract 23 from 41?

e) If Mary has 84 oranges and her brother Tom has 27 oranges. How many oranges does Mary have more than Tom?

g) Amos had 32 hens, 19 of them died. How many hens did he remain with?

Lesson 4

Multiplication of numbers with re-grouping.

Example.

(a) $\begin{array}{r} 15 \\ \times 3 \\ \hline 45 \end{array}$	(b) $\begin{array}{r} 24 \\ \times 4 \\ \hline 96 \end{array}$	$4 \times 4 = 16$
		$4 \times 2 = 8 + 1 = 9$

Activity 1

(a) $\begin{array}{r} 22 \\ \times 6 \\ \hline \end{array}$	(b) $\begin{array}{r} 14 \\ \times 7 \\ \hline \end{array}$	(c) $\begin{array}{r} 23 \\ \times 6 \\ \hline \end{array}$	(d) $\begin{array}{r} 34 \\ \times 3 \\ \hline \end{array}$
---	---	---	---

Activity 2

(a) 13×4

$$\begin{array}{r} 13 \\ \times 4 \\ \hline 52 \end{array}$$

(b) $14 \times 5 =$

(c) $12 \times 7 =$

(d) $23 \times 4 =$

(e) $13 \times 5 =$

Lesson 5

Word problems involving multiplication of numbers with re -grouping.

(a) If there are 13 pencils in tin. How many pencils are there in 4tins.

$$\begin{array}{r} T \quad O \\ 13 \quad 3 \\ \times \quad 4 \\ \hline 52 \end{array}$$

$$O = 3 \times 4 = 12$$

$$T = 4 \times 1 = 4 + 1 = 5$$

(b) There are 3 legs on a stool. How many legs are there on 15 stools?

(c) Each boy has 3 cows .How many cows do 17 boys have?

(d) There are 5 fish in each basket. How many fish are there in 12 baskets?

(e) A chair has 4 legs. How many legs are there on 14 chairs?