

P.4 Mathematics class work week 3

LESSON ONE

THEME: NUMERACY

TOPIC: OPERATIONS ON WHOLE NUMBERS. SUB TOPIC: ADDITION OF WHOLE NUMBERS.

Simple word problems involving addition of whole numbers.

Note: There are some other words which are sometimes used for addition. These are; plus, total, increase, greater, more, altogether and sum.

Example 1:

Mr. Kapere has sh. 35,500 and Mr. Kityo has sh. 45000. How much money do they have altogether?

T/Th	Th	H	T	O
3 ¹	5	5	0	0
+ 4	5	0	0	0
8	0	5	0	0

∴ They have sh. 80,500 altogether.

Example 2:

There are 2500 children in St. Mark Primary School and 3300 children in Mpigi Town School. Find the total number of children in both Schools.

	Th	H	T	O
St.Mark P/S	2	5	0	0
Mpigi Town Sch	+ 3	3	0	0
Total	5	8	0	0

Exercise:

1. What is the sum of 1795 and 8405?
2. There are 65 red cups and 28 green cups in the cupboard. Find the total number of cups in the cupboard.
3. Latin has 1250 cows while Mwesigwa has 1370 cows. Find the total number of cows they both have.
4. There are 25 men, 30 children and 29 women in the bus, how many people are in the bus?
5. Madina went to the market and bought a kg of sugar for sh.4800, a kg of meat for sh. 14000 and a kg of wheat for sh. 3000. Find her total expenditure.
6. A man's salary of sh. 98000 was increases by sh. 4800. Calculate his new salary.

LESSON TWO

THEME: NUMERACY

TOPIC: OPERATIONS ON WHOLE NUMBERS.

SUB TOPIC: SUBTRACTION OF WHOLE NUMBERS.

A. Subtracting whole numbers without regrouping.

Remember: Arranging numbers correctly according to place values is important.

Example 1:

T/Th	Th	H	T	O
8	8	4	5	3
- 4	5	2	2	1
4	3	2	3	2

Example 2:

T/Th	Th	H	T	O
9	7	0	8	6
- 3	3	0	7	2
6	4	0	1	4

Exercise:

Work out the following:

1. $43465 - 11323$

4. $65897 - 43403$

2. $78643 - 42512$

5. $67364 - 25210$

3. $97863 - 52341$

6. $54798 - 30368$

B. **Subtracting whole numbers with regrouping.**

Example 1:

T/Th	Th	H	T	O
6	4	5	8 ⁷	0
- 2	1	2	3	4
4	3	3	4	6

Example 2:

T/Th	Th	H	T	O
3	6	5 ⁴	2 ¹¹	8 ¹⁸
- 1	2	2	9	9
2	4	2	2	9

Exercise:

Work out:

1. $73952 - 18131$

3. $45711 - 18200$

2. $96830 - 41675$

4. $69125 - 38703$

LESSON THREE

THEME: NUMERACY

TOPIC: OPERATIONS ON WHOLE NUMBERS.

SUB TOPIC: SUBTRACTION OF WHOLE NUMBERS.

C. Simple word problems involving subtraction of whole numbers.

There are some words we sometimes use to mean subtraction. These are take away, less than, minus, remove, difference of, decrease, reduce, change etc.

Example 1:

Mulindwa had 652 cows. He sold 155 of them to his friend Lumala. How many cows did Mulindwa remain with?

H	T	O
⁵ 6	¹⁴ 5	¹²
- 1	5	5
4	9	7

He remained with 497 cows.

Example 2.

What is the difference between 12586 and 10254?

T/Th	Th	H	T	O
1	2	5	8	6
- 1	0	2	5	4
	2	3	3	2

Exercise:

1. Take away 281 cows from 300 cows.
2. Mukisa had sh. 50,000. If he bought a shirt at sh. 35000, how much money did he remain with?
3. A man had 58 eggs in a basket and 39 of them got broken. How many eggs did he remain with?
4. Tukundane deposited sh. 15000 on a dress that costs sh. 21000. Calculate the balance she needed to complete her payment.
5. Lubwama has sh. 45000 and Suubi has sh. 4550. Find the difference between the amounts of money the two people have?
6. Mukyala use 65,000 of her salary to pay school fees for her children.
7. Lydia had 48 mangoes. She gave 29 mangoes to Rukia. How many mangoes did she remain with?

LESSON FOUR

THEME: NUMERACY

TOPIC: OPERATIONS ON WHOLE NUMBERS.

SUB TOPIC: SUBTRACTION OF WHOLE NUMBERS.

MULTIPLICATION OF WHOLE NUMBERS.

A. Using repeated addition:

Example 1: 4×3 means add four groups of 3.

$$\begin{aligned}4 \times 3 &= 000 + 000 + 000 + 000 \\ &= 3 + 3 + 3 + 3 \\ &= 12.\end{aligned}$$

Example 2: 2×5 means add two groups of 5

$$\begin{aligned}2 \times 5 &= 00000 + 00000 \\ &= 5 + 5 \\ &= 10\end{aligned}$$

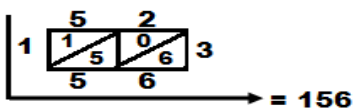
Exercise:

Use repeated addition to multiply the following numbers.

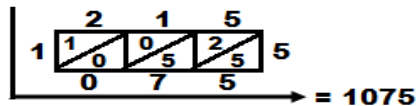
- 6×5
- 2×36
- 3×16
- 3×3
- 4×20
- 5×7

B. **Multiplying whole numbers up to 3 digits by one digit.**

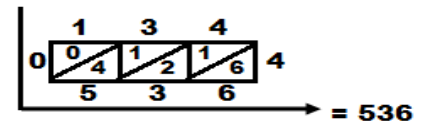
Example 1: 52×3



Example 2: 215×5



Example 3: 136×4



Exercise:

Multiply the following numbers using lattice methods.

- 2×43
- 4×327
- $5. 342 \times 6$
- $6. 218 \times 9$

LESSON FIVE

THEME: NUMERACY

TOPIC: OPERATIONS ON WHOLE NUMBERS.

SUB TOPIC: SUBTRACTION OF WHOLE NUMBERS.

C. Multiplying by 10 and 100.

Example 1

$$168 \times 10$$

1680

Exercise:

Work out the following:

1. 163×10

3. 34×100

5. 420×10

2. 467×10

4. 349×100

6. 344×100

Example 2:

$$286 \times 100$$

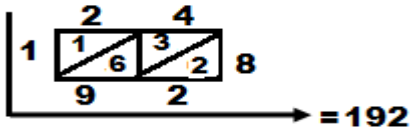
28600

D. Word problems involving multiplication.

Example 1:

A crate of soda contains 24 bottles. If Brenda has B crates, how many bottles of soda does she have?

1 crate contains 24 bottles. 8 crates contain 8×24 bottles.



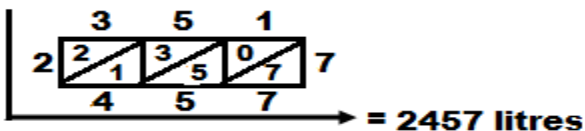
Bottles of soda

Examples 2:

Kibirige has a farm which produces 351 litres of milk everyday. How many litres of milk does the farm produce in one week?

1 day = 351 litres.

1 week(7days) = (7×351) litres.

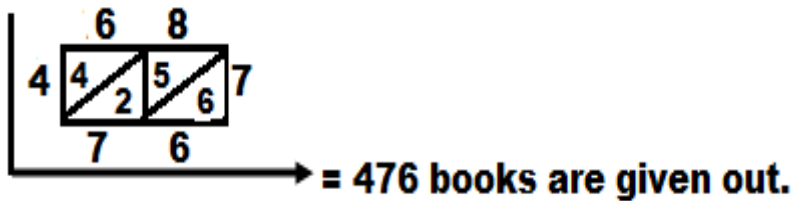


Example 3:

There are 68 pupils in a class. If each pupil is given 7 books, how many books are given out altogether

1 pupil = 7 books

68 pupils = (68 x 7) books



Exercise:

1. Amina's cows feed on 32 bags of dairy meal every month. How many bags of dairy meal will be needed for the cows in 7 months?
2. A bucket holds 17 litres of water. How many litres of water can 6 similar buckets hold altogether?
3. Nakalema's cows produce 63 litres of milk every day. How much milk do they produce in a month of 30 days?
4. Find the total cost of 6 similar pens if one pen costs sh. 500.
5. A work earns sh. 5,000 a day. How much money does he earn in 23 days?
6. There are 95 children in each of the P.4 streams at kibiri Primary School. If the P.4 class has 3 streams, how many children are in P.4 altogether?