

P.1 Number Lesson Notes - Term I 2013.

THEME: NUMERATION SYSTEMS AND PLACE VALUES.

SUB-THEME: INTRODUCTION TO NUMBERS.

Lesson 1: Relating number to quantity of objects.

○	1	One
○ ○	2	Two
○ ○ ○	3	_____
○ ○ ○ ○	4	_____
○ ○ ○ ○ ○	5	_____
○ ○ ○ ○ ○ ○	6	_____
○ ○ ○ ○ ○ ○ ○	7	_____
○ ○ ○ ○ ○ ○ ○ ○	8	_____
○ ○ ○ ○ ○ ○ ○ ○ ○	9	_____
○ ○ ○ ○ ○ ○ ○ ○ ○ ○	10	_____

Lesson 2: Reading and writing number 1-10

Match the words to numerals.

1	seven
2	eight
3	three
4	five
5	nine
6	two
7	ten
8	six
9	four
10	one

Lesson 3: Reading and writing numbers 1 – 10.

Write these figures in words.

2 _____	5 _____	8 _____	7 _____
1 _____	3 _____	10 _____	9 _____
4 _____	6 _____		

Lesson 4: Fill in the missing numbers

- a. 0, 1, ____, 3, ____, 5 b. 4, 5, ____, ____, ____ c. 7, 8, ____, ____

Lesson 5: Circle the smaller number.

- a. 4, 7 b. 1, 3 c. 8, 6

Underline the smallest number.

- a. 2,4,3 b. 7, 8, 9 c. 5, 1,6

Tick the less number.

- a. 5, 8 b. 6, 9 c. 4, 7

Circle the least number

- a. 9, 7, 6 b. 5, 4, 3 c. 8, 2, 1

Lesson 6: Underline the bigger number.

- a. 9, 8 b. 5, 6 c. 4, 7

Circle the biggest number

- a. 2, 4, 6 b. 7, 8, 9 c. 10, 5, 3

Tick the greater number

- a. 8, 9 b. 4, 7 c. 6, 5

Circle the greatest number

- a. 7,8,9 b. 10, 8, 7 c. 5, 3, 2

Lesson 7 and 8: Write these numbers in order starting with the smallest.

- a. 3, 2, 1, 4, 5 b. 4, 5, 3, 1, 2 c. 6, 5, 4, 1, 2
 d. 9, 6, 8, 7, 5 e. 8, 4, 6, 5, 7 f. 4, 6, 1, 2
 g. 6, 8, 2, 4 h. 3, 9, 6, 1 i. 7, 4, 2, 3






Lesson 9 and 10 Re – arrange these numbers in order starting with the biggest

- a. 2, 4, 3, 5 b. 6, 4, 5, 3 c. 5, 7, 3, 4
 d. 1, 2, 4, 3 e. 5, 3, 2, 4 f. 4, 6, 5, 3
 g. 6, 7, 5, 4 h. 7, 9, 6, 8 i. 8, 9, 6, 7

Lesson 11: What number comes between?

- a. 1, ____, 3 b. 2, ____, 4 c. 3, ____, 5
 d. 4, ____, 6 e. 5, ____, 7 f. 6, ____, 8

Lesson 12: Relating number to quantity of objects.

	11	Eleven
	12	Twelve
	13	Thirteen
	14	Fourteen
	15	Fifteen

	16	Sixteen
	17	Seventeen

	18	Eighteen
	19	Nineteen
	20	Twenty

Lesson 13: Match the words to numerals.

- | | |
|----|-----------|
| 11 | seventeen |
| 12 | eighteen |
| 13 | thirteen |
| 14 | fifteen |
| 15 | fourteen |
| 16 | nineteen |
| 17 | twelve |
| 18 | sixteen |
| 19 | twenty |
| 20 | eleven |

Lesson 14: Write these figures in words.

- | | |
|----|----|
| 11 | 13 |
| 15 | 16 |
| 12 | 14 |
| 17 | 18 |
| 20 | 19 |

Lesson 15: Fill in the missing numbers.

- | | |
|---------------------------|---------------------------------|
| a. 11, ____, 13, ____, 15 | b. 16, ____, 18, ____, 20 |
| c. 12, ____, 14, ____, 16 | d. 10, ____, 12, ____, ____, 15 |

Lesson 16: Circle the smaller number.

- | | | | |
|-----------|-----------|-----------|-----------|
| a. 11, 14 | b. 16, 17 | c. 15, 19 | d. 17, 16 |
| e. 13, 15 | f. 12, 10 | | |

Underline the less number.

- | | | |
|------------|------------|------------|
| a). 17, 16 | b). 19, 20 | c). 13, 15 |
|------------|------------|------------|

Tick the least number.

- | | | |
|----------------|----------------|----------------|
| a). 17, 16, 13 | b). 19, 20, 18 | c). 16, 17, 20 |
|----------------|----------------|----------------|

Lesson 17: Circle the greater number.

- | | | | |
|-----------|-----------|-----------|-----------|
| a. 11, 12 | b. 13, 14 | c. 20, 15 | d. 17, 18 |
| e. 20, 14 | f. 16, 19 | | |

Underline the greatest number.

- | | | |
|----------------|----------------|----------------|
| a). 13, 12, 11 | b). 15, 14, 17 | c). 18, 19, 20 |
|----------------|----------------|----------------|

Tick the bigger number.

- a. 16, 13 b. 19, 20 c. 14, 16

Lesson 18: What number comes between?

- a). 11, ____, 13 b). 12, ____, 14 c). 17, ____, 19 d). 18, ____, 20

Lesson 19 and 20: Re – arrange these numbers in order starting with the smallest.

- a. 11, 14, 12, 13 b. 15, 17, 16, 18 c. 20, 16, 17, 19
d. 19, 18, 13, 15 e. 17, 15, 14, 18 f. 16, 20, 15, 14

Lesson 21 and 22: Re – arrange these numbers in order starting with the biggest.

- a. 11, 12, 14, 13 b. 15, 17, 16, 18 c. 20, 16, 17, 19
d. 15, 13, 18, 19 e. 14, 15, 17, 18 f. 20, 16, 15, 14

Lesson 23: Reading and writing numbers 21 – 50.

Write these figures in words.

- a). 20 twenty 21 ____ 22 ____ 23 ____ 24 ____
b). 25 ____ 26 ____ 27 ____ 28 ____ 29 ____
c). 30 thirty 31 ____ 32 ____ 33 ____ 34 ____
d). 35 ____ 36 ____ 37 ____ 38 ____ 39 ____
e). 40 – forty 41 ____ 42 ____ 43 ____ 44 ____
f). 45 ____ 46 ____ 47 ____ 48 ____ 49 ____
g). 50 – fifty

Lesson 24: Fill in the missing numbers.

- a. 20, ____, 22, ____, 24 b. 25, ____, 27, ____, 29 c. 30, ____, 32, ____, 34
d. 35, ____, 37, ____, 39 e. 35, ____, 37, ____, 39 f. 45, ____, 47, ____, 49

Lesson 25: Circle the less number.

- a. 51, 51 b. 21, 12 c. 14, 41
d. 25, 52 e. 37, 27 f. 35, 53

Underline the least number

- a. 14, 41, 31 b. 22, 37, 45 c. 12, 24, 35
d. 45, 35, 25 e. 42, 32, 22

Tick the smaller number.

- a. 14, 24 b. 36, 46 c. 25, 35 d. 27, 37

Lesson 26: Circle the bigger number.

- a. 21, 12 b. 25, 52 c. 27, 37

Underline the greater number.

- a. 25, 35 b. 46, 36 c. 14, 24

Tick the greatest number

- a. 14, 41, 31 b. 22, 37, 45 c. 12, 24, 35

Lesson 27 and 28: Rewrite these numbers in order starting with the smallest.

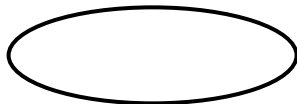
- a. 14, 11, 15, 13 b. 54, 44, 24, 34 c. 15, 35, 25, 45
d. 18, 48, 28, 38 e. 13, 43, 33, 23 f. 11, 31, 21, 41

Lesson 29 and 30: Re-arrange these numbers in order starting with the biggest.

- a). 24, 34, 44, 54 b). 16, 26, 36, 46 c). 18, 38, 28, 48
d). 11, 31, 21, 41 e). 15, 35, 25, 45 f). 13, 23, 33, 43

Lesson 31: Set Concepts.

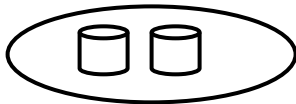
A set is a collection of well defined objects (things).



This is a set enclosure.

Name these sets.

a).



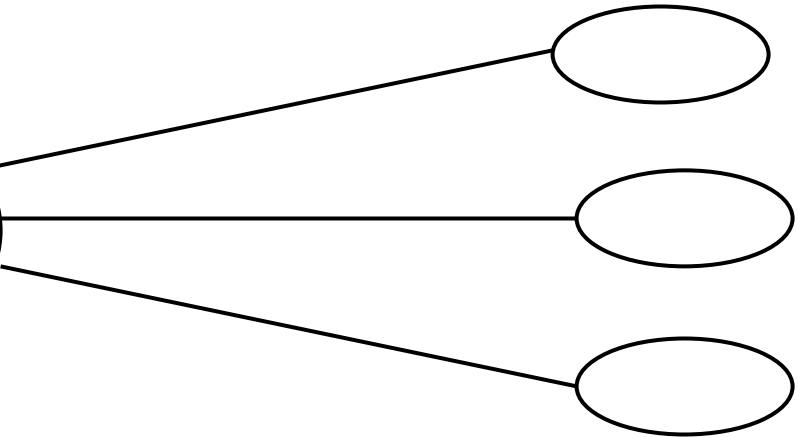
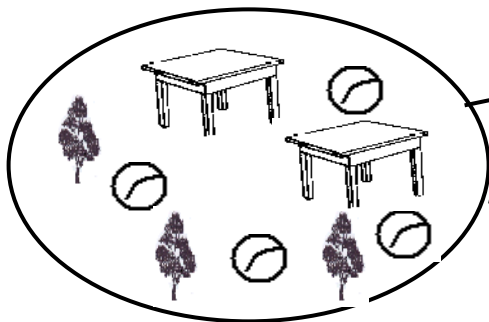
b).



Lesson 32: Read and draw sets.

- a). A set of 2 flowers. b). A set of 4 balls.
c). A set of 3 tins. d). A set of 1 tree.

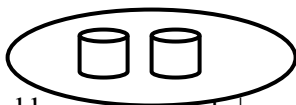
Lesson 33: Make new sets.

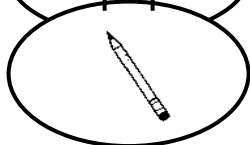
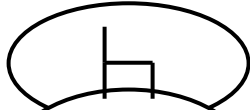
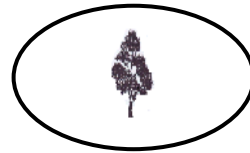


Lesson 34: Matching sets.

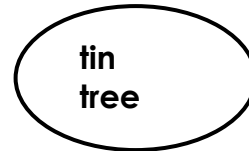
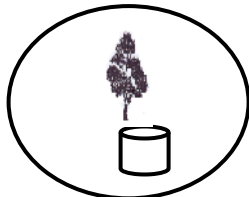
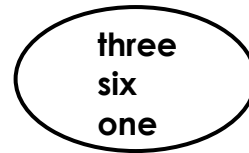
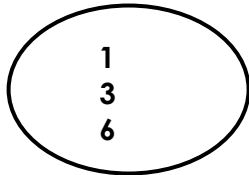
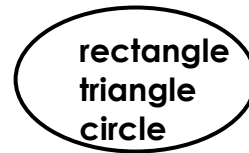
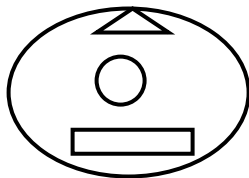
One to one correspondence.

Match these sets.

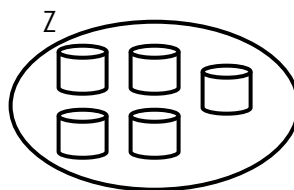
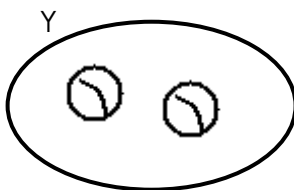




Lesson 35: Matching these sets.



Lesson 36: Comparing sets using more than and less than.



a). How many members has set Y?

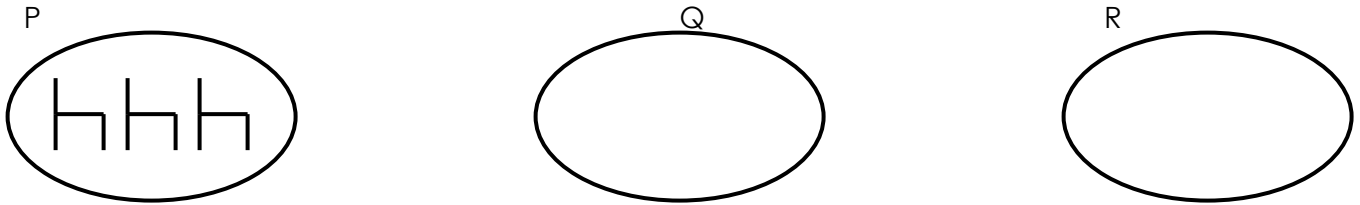
b). How many members has set Z?

c). Which set has less members?

d). Which set has less members?

e). How many members have set Y and Z?

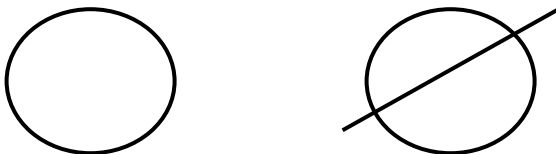
Lesson 37: Compare these sets.



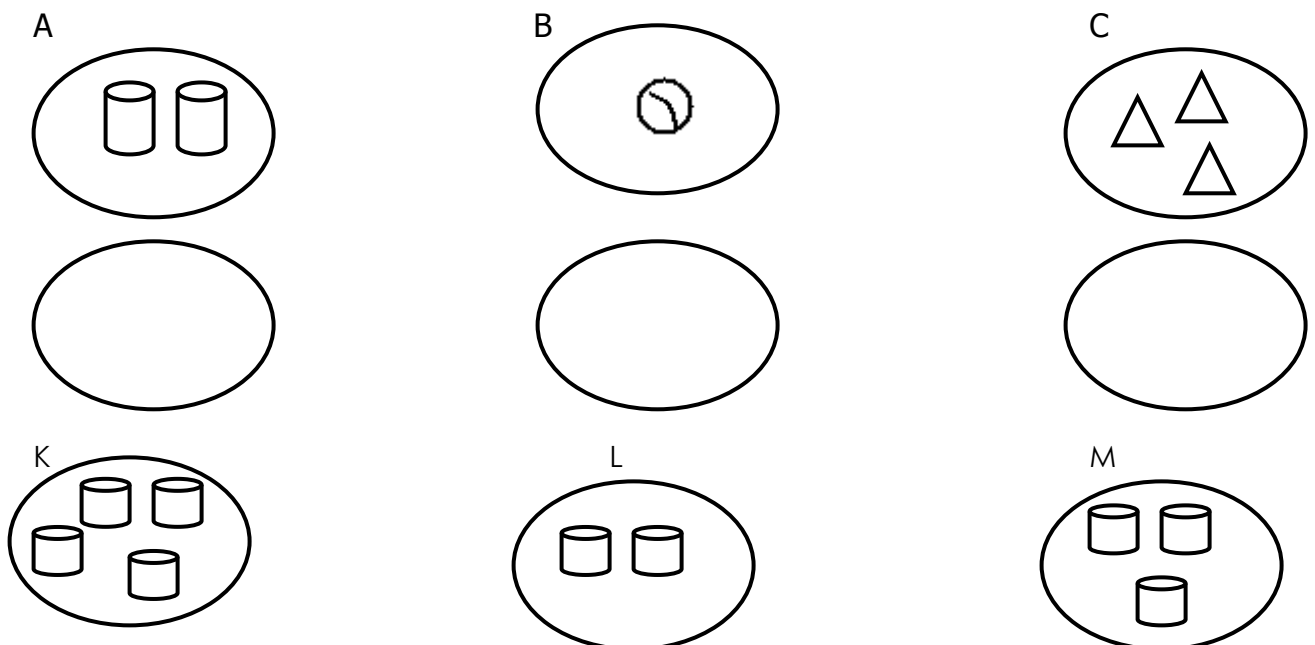
- a). Which set has most members?
- b). Which set has least members?
- c). How many members does set P have ?
- d). How many more members does set P have than set Q?
- e). How many members are in all sets altogether?
- f). How many members do set Q and R have?

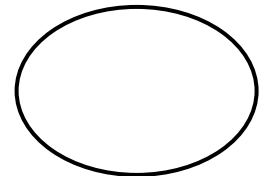
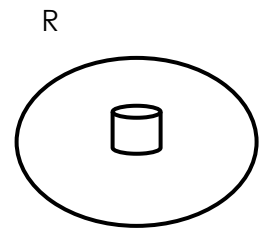
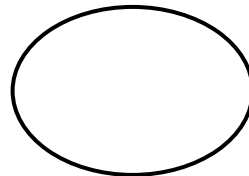
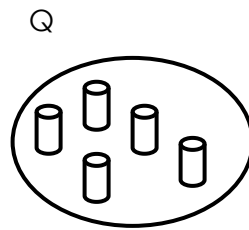
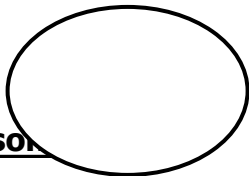
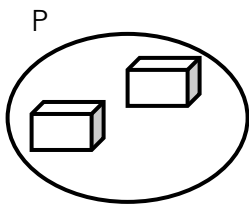
Lesson 38: Empty sets.

1. An empty set is a set which has no members.
2. The members of an empty set don't exist.
3. Examples of an empty set.
 - a). A set of girls with 3 legs each.
 - b). A set of cats with 2 tails each.
 - c). A set of snakes with legs.
 - d). The symbol for an empty set is



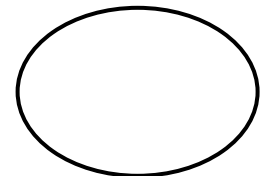
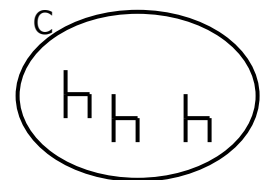
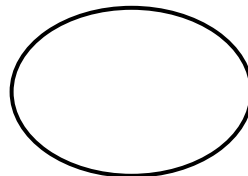
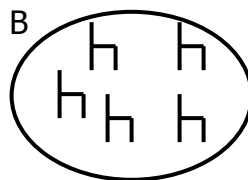
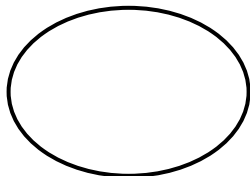
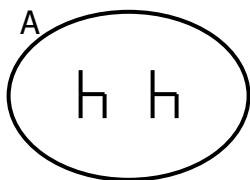
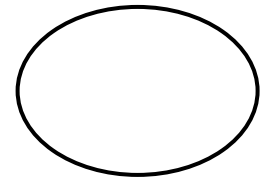
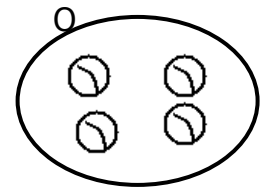
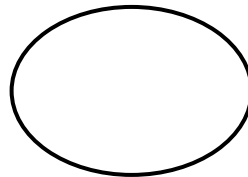
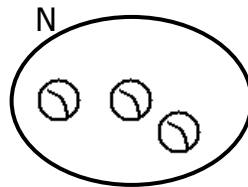
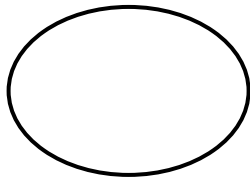
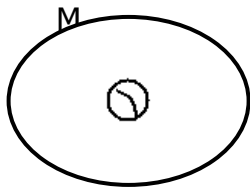
Lesson 39 : Arrange the sets in order starting with the smallest.



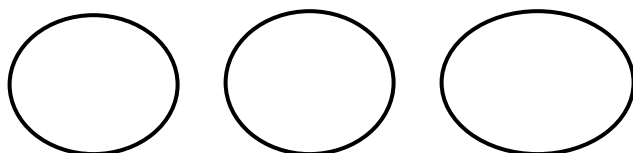


Lesson

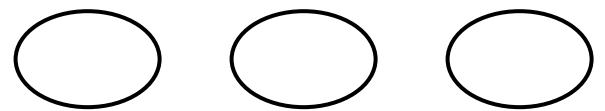
Order these sets starting with the biggest.



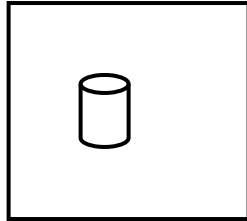
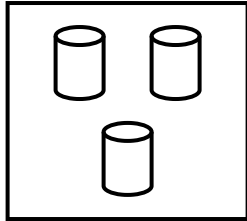
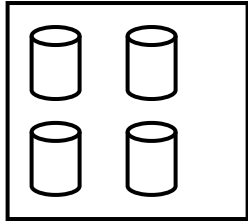
Lesson 41: Join these sets.



3 + 2 = 5



Lesson 42: Subtract these sets



Lesson 43: Operations on numbers.

Addition of numbers less than 10.

Add these numbers.

1. 1 book and 2 books make _____ books. 2. 2 balls plus 3 balls make _____ balls.
3. 3 pots and 1 pot make _____ pots. 4. 4 tins plus 2 tins more make _____ tins.

Lesson 44: Add correctly.

- | | | | | | |
|----|-----------|-----------|----|-----------|-----------|
| 1. | $0 + 1 =$ | $5 + 1 =$ | 2. | $0 + 2 =$ | $5 + 2 =$ |
| | $1 + 1 =$ | $6 + 1 =$ | | $1 + 2 =$ | $6 + 2 =$ |
| | $2 + 1 =$ | $7 + 1 =$ | | $2 + 2 =$ | $7 + 2 =$ |
| | $3 + 1 =$ | $8 + 1 =$ | | $3 + 2 =$ | $8 + 2 =$ |

Lesson 45: Add these correctly.

- | | | | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|-----|---|
| a). | $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ | b). | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | c). | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | d). | $\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$ | e). | $\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$ |
|-----|---|-----|---|-----|---|-----|---|-----|---|

Lesson 46:

Add and match the answer.

- | | | |
|-----|---------|---|
| a). | $1 + 2$ | 8 |
| b). | $4 + 3$ | 5 |
| c). | $6 + 0$ | 3 |
| d). | $5 + 0$ | 7 |
| e). | $6 + 2$ | 6 |

Lesson 47 and 48:

Word problems involving addition of 2 digit numbers.

Lesson 49: Adding 3 digits giving sum less than 10

a). $3 + 2 + 1 =$

b). $1 + 5 + 1 =$

c). $4 + 3 + 1 =$

d). $4 + 1 + 0 =$

e). $3 + 0 + 5 =$

f). $6 + 1 + 2 =$

g). $3 + 3 + 3 =$

h). $1 + 4 + 4 =$

i). $5 + 1 + 1 =$

Lesson 50: Add correctly.

$$\begin{array}{r} \text{a). } 2 \\ 5 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b). } 4 \\ 2 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c). } 3 \\ 3 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d). } 6 \\ 3 \\ + 1 \\ \hline \end{array}$$

Lesson 51:

Word problems involving addition of 3 digit numbers. Referred to the pamphlet.

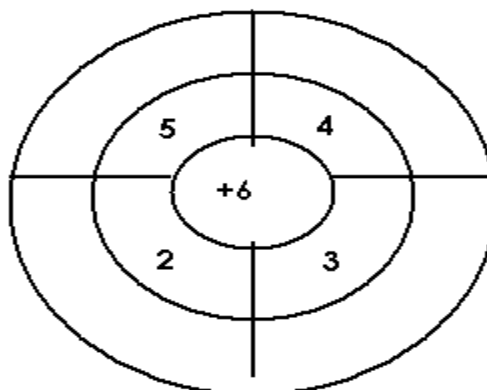
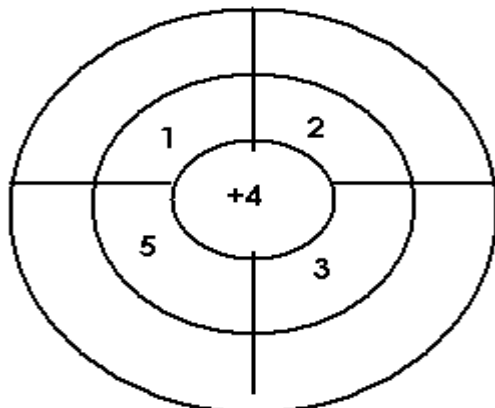
a. Find the sum of 5, 4 and 7.

b. What is the total of 6,3 and 2?

Lesson 52, 53 and 54: Addition in tablets and puzzled. Giving sum 10 – 20.

+	2	1	4
3			

+	0	1	2
4			



+	3	4
1		
2		
3		

+	2	1	5	4
4				
3				

MORE COMPUTATION WITH NUMBERS.

Lesson 55 and 56:

What is 4?

$0 + 4 = 4$

$1 + 3 = 4$

$___ + ___ = 4$

$___ + ___ = 4$

What is 6?

$0 + 6 = 6$

$___ + ___ = 6$

$___ + ___ = 6$

$___ + ___ = 6$

What is 5?

$___ + ___ = 5$

$___ + ___ = 5$

$___ + ___ = 5$

$___ + ___ = 5$

Lesson 57: Subtraction of numbers.

a). Orientation of subtraction is better understood using word problems.

E.g Take away 4 flowers from 8 flowers.

8 flowers – 4 flowers = $______$ flowers.

b). Sam has 6cakes he gives away 2cakes to Jane. He remains with $______$ cakes.

6cakes – 2 cakes = $______$ cakes.

c). Teacher Cissy had 9 apples, She gave away 3 apples. How many apples were left?

9 apples – 3 apples = $______$ apples.

Lesson 58: Subtraction of numbers.

a). 5 boxes – 2 box = $______$

b). 9 balls – 6 balls = $______$

c). 6 trees – 4 trees = $______$

d). 4 chairs – 0 chairs = $______$

Lesson 59 and 60: Subtraction of numbers.

a. $11 - 5 =$

b. $12 - 6 =$

c. $10 - 7 =$

d. $13 - 7 =$

e. $8 - 6 =$

f. $13 - 7 =$

g. $5 - 0 =$

h. $14 - 8 =$

i). $9 - 9 =$

Lesson 61: Take Away (Subtract).

a).
$$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$$

b).
$$\begin{array}{r} 7 \\ - 7 \\ \hline \end{array}$$

c).
$$\begin{array}{r} 9 \\ - 6 \\ \hline \end{array}$$

d).
$$\begin{array}{r} 6 \\ - 0 \\ \hline \end{array}$$

e).
$$\begin{array}{r} 11 \\ - 6 \\ \hline \end{array}$$

Lesson 62 and 63:

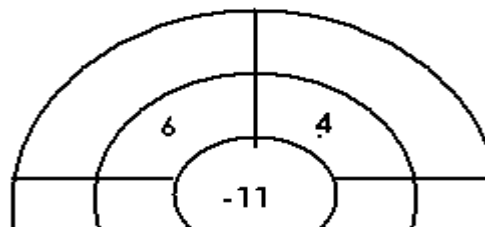
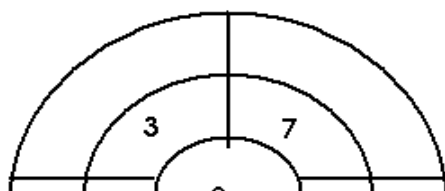
Word problems involving subtraction.

Lesson 62, 63:

Subtraction tables and puzzles.

-	2	3
6		

-	4	3	5	6
8				



Lesson 64 and 65: More computation with numbers.

What is 4?

- a. ___ - ___ = 4
- b. ___ - ___ = 4
- c. ___ - ___ = 4
- d. ___ - ___ = 4

What is 5?

- a. ___ - ___ = 5
- b. ___ - ___ = 5
- c. ___ - ___ = 5
- d. ___ - ___ = 5

What is 6?

- a. ___ - ___ = 6
- b. ___ - ___ = 6
- c. ___ - ___ = 6
- d. ___ - ___ = 6