

P.1 Mathematics class work Notes

Subtopic: Fill in tens and ones.

Topic: Operation on whole numbers

Examples:

1. $32 = 3$ tens 2 ones
2. $45 = 4$ tens 5 ones
3. $17 = 1$ ten 7 ones
4. _____ = 5 tens 6 ones
5. _____ = 9 tens 0 ones

Exercise

Fill in tens and ones

1. $52 =$ _____ tens _____ ones
2. _____ = 2 tens 8 ones
3. $15 =$ _____ tens _____ ones
4. $38 =$ _____ tens _____ ones
5. _____ = 2 tens 0 ones

Lesson two

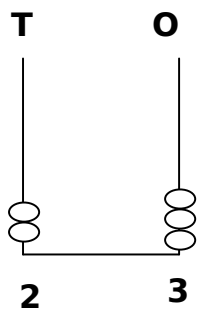
Topic: Operation on whole numbers

Subtopic: The abacus

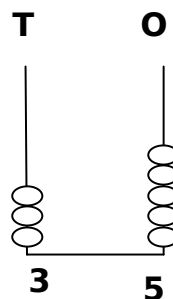
Content: Representing numbers on the abacus

Example:

T O
2 3 =



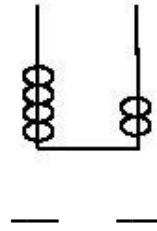
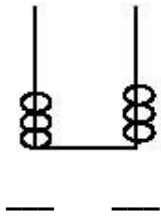
T O
3 5 =



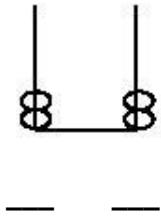
Exercise

Count the beads, draw the abacus and fill in the numbers.

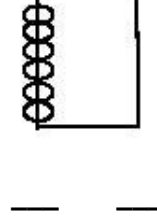
a) **TO** b) **TO**



c) **T** **O**



d) **T** **O**



2. Show the following numbers on the abacus.

a) 24 =

e) 33 =

b) 40 =

f) 52 =

c) 64 =

g) 44 =

d) 19 =


h) 10 =

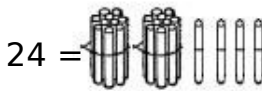
Lesson three


Topic: Operation on whole numbers

Subtopic: Expanding numbers using values.

Example

10 = 
= 10 + 0

24 = 
= 20 + 4

17 = 
= 10 + 7

Exercise

Write in expanded form

a) 15 =

d) 26 =

b) 42 =

e) 35 =

c) 22 =

f) 61 =

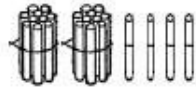
Subtopic:
Example

Recognising / identifying the expanded number.

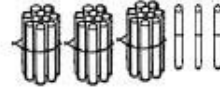
a)



$$10 + 2 = 12$$



$$20 + 4 = 24$$



$$30 + 3 = 33$$

Exercise

What number has been expanded?

a) $10 + 3 =$ _____

d) $50 + 3 =$ _____

b) $70 + 2 =$ _____

e) $60 + 4 =$ _____

c) $20 + 6 =$ _____

f) $80 + 4 =$ _____

Lesson four

Topic: Operation on whole numbers

Subtopic: Zero concepts

Adding zero to a number

Example

1. $2 + 0 = 2$

3. $3 + 0 = 3$

5. $7 + 0 = 7$

2. $5 + 0 = 5$

4. $16 + 0 = 16$

6. $9 + 0 = 9$

NB: Any number plus zero gives that very number.

Adding a number to zero

Example

$0 + 10 = 10$

$0 + 30 = 30$

$0 + 48 = 48$

$0 + 6 = 6$

$0 + 25 = 25$

$0 + 80 = 80$

NB: Zero plus any number gives that very number

Exercise

Workout

1. $20 + 0 =$

3. $39 + 0 =$

5. $66 + 0 =$

2. $0 + 59 =$

4. $0 + 3 =$

6. $0 + 100 =$

Lesson five

Topic: Operation on whole numbers

Subtopic: Subtracting zero from a number

NB:

Any number minus / take away zero gives that very number.

Examples:

Workout:

1. $7 - 0 = 7$

3. $9 - 0 = 9$

5. $20 - 0 = 20$

2. $36 - 0 = 36$

4. $75 - 0 = 75$

6. $60 - 0 = 60$

Exercise

Take away

1. $11 - 0 =$

3. $19 - 0 =$

5. $15 - 0 =$

2. $4 - 0 =$

4. $43 - 0 =$

6. $34 - 0 =$

Multiplying by zero

NB: Any number times 0 is 0 (0 groups of any number is 0)

Example

1. $0 \times 10 = 0$

3. $25 \times 0 = 0$

5. $3 \times 0 = 0$

2. $4 \times 0 = 0$

4. $0 \times 0 = 0$

6. $40 \times 0 = 0$

Exercise

Multiply

1. $6 \times 0 =$

3. $13 \times 0 =$

5. $9 \times 0 =$

2. $0 \times 5 =$

4. $20 \times 0 =$

6. $5 \times 0 =$