

Instruction; Copy the work in your exercise book

WEEK ONE

Day 1 and 2

Types of numbers.

1. Counting numbers.

- a) These are numbers we use to count.
- b) The first counting number is 1.
- c) A set of counting numbers = {1, 2, 3, 4, 5, 6...}

2. Whole numbers

- a) These are numbers that begin from 0.
- b) A set of whole numbers = {0, 1, 2, 3, 4, 5,6...}

3. Even numbers

- a) These are numbers that are exactly divisible by 2.
- b) When you divide an even number by 2 you don't get a remainder.
- c) The first even number is 0.
- d) A set of even numbers = {0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30...}

4. Odd numbers

- a) These are numbers that are not exactly divisible by 2.
- b) When you divide an odd number by 2 you get a remainder of 1.
- c) The first odd number is 1.

d) A set of odd numbers = {1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31...}

Listing numbers using; first..., between, from – to, less than.

Examples

1. List down a set of the first 5 whole numbers.

{0, 1, 2, 3, 4}

2. Write down all even numbers between 10 and 20.

{12, 14, 16, 18}

3. Write down all odd numbers from 7 to 15.

{7, 9, 11, 13, 15}

4. List down a set of all counting numbers less than 10.

{1, 2, 3, 4, 5, 6, 7, 8, 9}

Activity

1. List down a set of the first ten counting numbers.

2. Write down all even numbers less than 10.

3. Write down all whole numbers less than 8.

P.L.E skill

4. How many odd numbers are there between 10 and 20?

Day 3

Finding the sum, difference and product.

1. Sum is the answer got after adding.

2. Difference is the answer got after subtracting.

3. Product is the answer got after multiplying.

Examples

a) What is the sum of the first 5 counting numbers?

First 5 counting numbers = {1, 2, 3, 4, 5}

$$\text{Sum} = 1 + 2 + 3 + 4 + 5$$

$$\underline{\text{Sum} = 15}$$

b) Find the difference between the fourth and second even numbers.

Even numbers = {0, ②, 4, ⑥, 8, 10, 12...}

$$\text{Difference} = 6 - 2$$

$$\underline{\text{Difference} = 4}$$

c) Work out the product of the 3th and 6th odd numbers.

Odd numbers = {1, 3, ⑤, 7, 9, ⑪, 13, 15...}

$$\text{Product} = 5 \times 11$$

$$\underline{\text{Product} = 55}$$

Activity

1. Find the sum of the first 4 whole numbers.
2. Work out the difference between the fifth and first counting numbers.
3. Calculate the product of the seventh and the first even numbers.

P.L.E skill

4. What is the answer got after dividing the eighth odd number by the third odd number?