

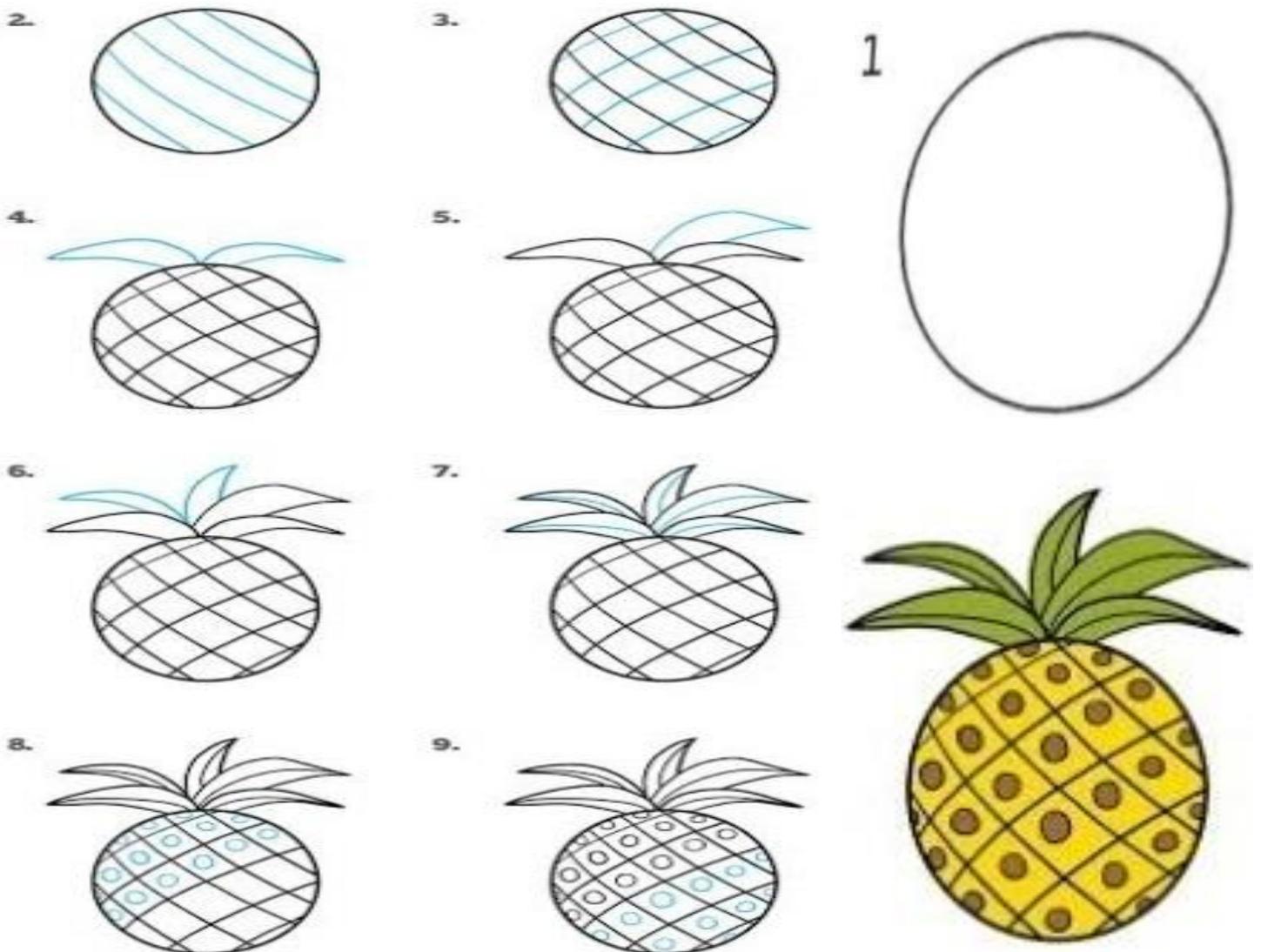
HOME ASSIGNMENT

CLASS – IV

SUBJECT – ART EDUCATION

DATE - 30.04.2020

Draw step by step and colour this pictures :-





SOLUTIONS OF CHAPTER- 4 [COUNTABLE AND UNCOUNTABLE NOUNS]

EXERCISE-B

- 1) The children are playing in the garden. COUNTABLE
- 2) I don't like milk. UNCOUNTABLE
- 3) I prefer tea. UNCOUNTABLE
- 4) My mother uses butter to prepare cakes. UNCOUNTABLE
- 5) There are a lot of windows in our classroom. COUNTABLE
- 6) We need some glue to fix this vase. UNCOUNTABLE
- 7) My father drinks two big glasses of water every morning. COUNTABLE
- 8) I met some nice people when I was walking along the beach. COUNTABLE
- 9) Successful candidates will join the camp later this year. COUNTABLE
- 10) The waiters in this restaurant are very professional. COUNTABLE

CHAPTER-31 [PARAGRAPH WRITING]

- Q) Write a paragraph on 'Benefits of morning walk'

BENEFITS OF MORNING WALK

Morning walk is the best form of exercise. It cost nothing. It is very useful for our health. It refreshes our mind. It strengthens our body. It prolongs our life. It saves us from many diseases. It is equally good for the young and the old. Morning walk keep us fresh for the whole day. It develops in us the habit of rising early. It awakens in our love for nature. The dewdrops, the fresh flowers, the chirping birds, and the rustling leave charm in our mind. Thus morning walk is not only useful for our body but for our mind and soul also.

DO IT YOURSELF- UNSEEN PASSAGE

Read the following passage and answer the following questions:

It was a very pleasant day. A cool breeze was blowing. Rahul and Rishika were quite excited. Their mother was taking them to an Amusement Park. She had already kept a five – hundred rupee note to pay for the joy- rides. But when she opened her purse to take out something, the note just flew away. Both the children ran after it but they could not find it.

“Sorry dear “, said the mother. “We have to cancel the programme. I don't have more money today”

“It's alright Ma,” said the children though they were disappointed.

“Since we are not going out, let us clean and decorate the house,” Rishika suggested.

“I'll bring some flowers and put them in the flower vase,” said Rahul.

As he went out to pick some roses, there lay the five – hundred rupee note stuck among the roses. He shouted with joy.

A) Answer the following questions:

- 1) Why were the children excited?
- 2) Why had their mother kept five hundred rupees in her purse?
- 3) What happened to the note?

4) Where the note was finally found?

B) Find the opposite of the following words from the above passage:

1) Dirty- _____ 2) Less- _____

C) Make sentences with the following words:

1) Rose-

2) Flowers-

3) Breeze-

DATE- 30.4.20

CLASS-4
COMPUTER
CH-1 (COMPUTERS-STORAGE & MEMORY DEVICE)

SOLUTION OF 3RD HOME ASSIGNMENT OF CHAPTER-1
(COMPUTERS-STORAGE & MEMORY DEVICE)

ANSWER SHEET

A. Answer the following the questions:

1. State the three types of secondary storage media.

Ans- The three types of secondary storage media are-
magnetic medium, optical medium & flash memory.

2. State the use of Blu-ray Disc.

Ans- Blu-ray also known as Blu-ray Disc (BD), is the name of a new optical disc format. The format was developed to enable recording, rewriting & playback of high-definition video (HD), as well as to store large amounts of data. The format offers more than five times the storage capacity of traditional DVDs & can hold up to 25 GB on a single-layer disc and 50GB on a dual layer disc.

3. Define the following terms:

a. Disk controller- On the back of a hard drive is a circuit board called disk controller.

b. Cylinder- Each platter has the same number of tracks. A track location that cuts across all platters is called a cylinder.

c. Optical medium- Optical medium is non-volatile storage medium that stores content in digital form that is written and read by laser light.
Examples of optical media include CD, DVD & Blu-ray Disc.

B. Fill in the blanks:

1. Each platter has the same number of tracks .

2. A single hard disk usually consists of several platters .

C. Full Forms:

1. CD- Compact Disc

2. DVD- Digital Versatile Disc

3. BD- Blu-ray Disc

4. HD- High-Definition

DATE- 30.4.20

**CLASS-4
COMPUTER
CH-1 (COMPUTERS-STORAGE & MEMORY DEVICE)
4TH HOME ASSIGNMENT**

Flash Medium

Flash memory is an electronic, non-volatile computer storage medium that can be electrically erased and reprogrammed. Flash storage comes in different storage media: SD card, Flash Drive, Solid State Drive (SSDs).

SD card-

Secure Digital (SD) is a non-volatile memory card used in portable devices, such as mobile phones, digital cameras, GPS navigation devices, handheld consoles and tablet computers. These memory cards are usually read by connecting the device containing the card to the computer or by using a USB card reader.



USB Drive (Flash Drive)

The full form of USB is Universal Serial Bus. Each company calls it by a different name, such as flash drive, Pen drive, jump drive, thumb drive, key drive, mini USB drive etc.

These drives are small; most are about the size of the thumb or a large car key, but many are smaller. They can be plugged into the USB port of a computer. Such small flash drives can have storage capacities ranging about 128 GB or more.



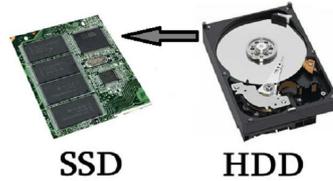
Solid State Drive (SSD)

Solid State Drive (SSD) is an oversized & more sophisticated version of the USB memory stick or flash drive. In SSD, information is stored in microchips. On the contrary, a hard disk drive uses a mechanical arm with a read/write head to move around & read information from right location on a storage platter. This difference in

information storage makes SSD faster than a hard disk drive.



SSD



SSD

HDD

Other Devices

External Drives

An external hard drive or solid state drive looks like a box attached to a computer with one or two USB cables. The computer can access the files on such a drive almost as quickly as those on the internal drive. External hard drives of 1 TB or 2 TB (tera byte) capacities are common these days.



Smart Cards

A smart cards is a plastic card about the size of a credit card with an embedded integrated circuit (IC) chip. Many smart cards include a pattern of metal contacts to electrically connect to the internal chip. Others are contactless, and are some both. Smart cards can provide personal identification, authentication, data storage, and application processing. Applications include identification, financial, mobile phones (SIM), public transit, computer security, schools and healthcare.



Internal vs External storage devices

Internal storage devices are basically inside the computer such as Hard Disk Drive (HDD) this is the most basic level in the computer system need to hold operating

system so that it can access input & output devices. It allows to store data & application to load into the memory & ready for use.

External storage devices are separate from computer and connected to computer through suitable interface and data passes back & forth across the interface. Such devices are portable & can be used & provide safe backup with internally stored data. Examples of external storage devices are: Pen drive, SSD, magnetic tape, DVDs, CDs, memory card etc.

A. Answer the following questions:

1. What do you mean by Flash medium?
2. Define the following terms:
 - a. Flash drive
 - b. SD card
 - c. SSD

B. Full forms:

1. SSD
2. SD
3. USB
4. HDD
5. IC
6. TB

9th Study Material and Home Assignment (2020-21)
 CLASS – IV SUBJECT – MATHEMATICES
 CHAPTER-3-Subtraction

Date- 30/4/2020

❖ Addition and subtraction

Example 1: Solve $432 + 3456 - 2324$

Step 1: Add the first number to the number with the '+' sign before it.

Step 2: From the sum, subtract the number with the '-' sign before it.

Answer: 1564

$$\begin{array}{r} \\ + \\ \hline 3 \\ \\ - \\ \hline 1 \end{array}$$

Example 2: Solve $3424 - 4321 + 3343$

Step 1: Add the first number to the number with the '+' sign before it.

Step 2: From the sum subtract the number with the '-' sign before it.

Answer: 2446

$$\begin{array}{r} \\ + \\ \hline 6 \\ \\ - \\ \hline 2 \end{array}$$

Exercise-3.6

Solve- 1) $3231 + 4235 - 6231$

Step 1: Add the first number to the number with the '+' sign before it

$$\begin{array}{r} 3231 \\ + 4235 \\ \hline 7466 \end{array}$$

Step 2: From the sum, subtract the number with the '-' sign before it

$$\begin{array}{r} 7466 \\ - 6231 \\ \hline 1235 \end{array}$$

Answer- 1235

2) $5231 - 3233 + 2168$

$$= (5231 + 2168) - 3233$$

$$= 7399 - 3233$$

$$= 4166$$

3) $533 + 6829 - 323$

$$= (533 + 6829) - 323$$

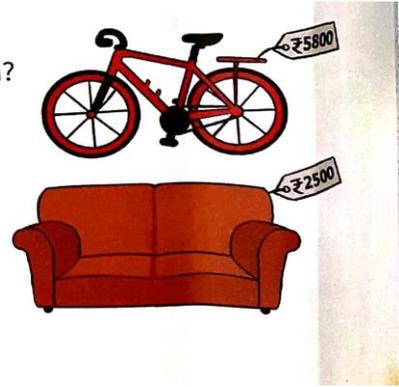
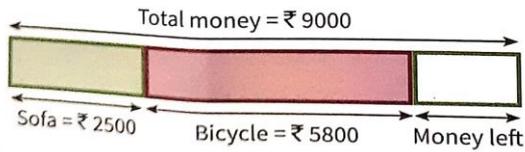
$$= 7362 - 323$$

$$= 7039$$

Answer- 4166

Answer- 7039

1. Vijay had ₹ 9000. He bought a sofa for ₹ 2500 and a bicycle for ₹ 5800. How much money is left with him?
See the picture to understand the problem.



Cost of sofa	=	₹ 2500
Cost of bicycle	=	₹ 5800
He spent	=	₹ 2500 + ₹ 5800 = ₹ 8300
Money left with him	=	₹ 9000 - ₹ 8300 = ₹ 700

Now solve the story sums

Exercise -3.7 -1) Gopal had to travel 3850 km. He travelled 460 km by bus, 1286 km by train and the rest by car. What distance did he travel by car?

Solution- Gopal travelled 460 km by bus.

He travelled 1286 km by train

∴ He travelled total distance by bus and train = (1286 + 460) km

$$\begin{array}{r} 1286 \text{ km} \\ + \quad 460 \text{ km} \\ \hline 1746 \text{ km} \end{array}$$

Gopal had to travel 3850 km

Total distance he travelled by bus and train = 1746 km

∴ He travelled by car = (3850 - 1746) km

$$\begin{array}{r} 3850 \\ - \quad 1746 \\ \hline 2104 \end{array}$$

Ans- He travelled by car = 2104 km.

2) In a forest, there were 1728 pine trees and 2486 other kinds of trees. 506 trees fell in a storm. How many trees remained standing?

Solution- Total number of trees = 1728 pine trees + 2486 other kinds of trees.

$$\begin{array}{r} = 1728 \\ + \quad 2486 \\ \hline 4214 \end{array}$$

506 trees fell in storm

∴ Trees remained standing = (4214 - 506) = 3708

Ans- Trees remained standing - 3708

❖ Estimating differences

In the previous lesson you learnt that, to quickly estimate the sum of two numbers, you round the numbers to the nearest 10, 100 or 1000. It then becomes easy to find the sum mentally. The same method is applied to quickly estimate the difference of two numbers.

The rules are:

- **Round** 2-digit numbers **to the nearest 10**, that is take the tens closest to the number.
- **Round** 3-digit numbers **to the nearest 100**, that is take the hundreds closest to the number.
- **Round** 4-digit numbers **to the nearest 1000** or **to the nearest 100**, that is take either the thousands closest to the number or the hundreds closest to the number. Rounding to the nearest 100 gives a better estimate.
- If a number is midway between two tens, two hundreds or two thousands, it should be rounded to the higher ten, hundred or thousand.



Example 1: Estimate the difference between 27 and 372.

$27 \rightarrow 30$ rounded to the nearest 10 $372 \rightarrow 400$, rounded to the nearest 100

You can now find $400 - 30$ mentally as 370.

The actual difference is $372 - 27 = 345$

Example 2: Estimate $5579 - 2088$ by rounding to the nearest:

a) 1000

b) 100

Compare with the actual answer. Which method gives a better estimate?

a) Rounding to the nearest 1000

$5579 \rightarrow 6000$ $2088 \rightarrow 2000$

You can now find $6000 - 2000$ mentally as **4000**.

b) Rounding to the nearest 100

$5579 \rightarrow 5600$ $2088 \rightarrow 2100$

You can now find $5600 - 2100$ mentally as **3500**.

The actual answer is 3491. Rounding to the nearest 100 gives a better estimate.

Exercise- 3.8

1) a) Estimate the difference by rounding 4- digit numbers to the nearest 1000 and 3-digit numbers to the nearest 100 .

i) $5430 - 3590$, ii) $7750 - 775$

b) Estimate all the difference of Q2(a) by rounding both 4 digit numbers and 3 digit numbers to the nearest 100. In each, say which estimate is closer.

i) $5430 - 3590$, ii) $7750 - 775$

Solution-

a) i) $5430 - 3590 - 5430$ rounded to nearest 1000 is 5000

3590 rounded to nearest 1000 is 4000

So, the estimate of $5430 - 3590$ is $5000 - 4000 = 1000$.

ii) $7750 - 775$ rounded to nearest 100 is 800

7750 rounded to nearest 1000 is 8000

So, the estimate of $7750 - 775$ is $8000 - 800 = 7200$

b) i) $5430 - 3590 - 5430$ rounded to nearest 100 is 5400

3590 rounded to nearest 100 is 3600

So, the estimate of $5430 - 3590$ is $5400 - 3600 = 1800$

The actual sum is $5430 - 3590 = 1840$

Here we can see 1800 is more closer to 1840 than 1000

ii) $7750 - 775$ rounded to nearest 100 is 800

7750 rounded to nearest 100 is 7800

So, the estimate of $7750 - 775$ is $7800 - 800 = 7000$

The actual sum is $7750 - 775 = 6975$

Here we can see 7000 is more closer to 6975 than 7200

Homework -5
Ch- 3 -Subtraction

Date-30/4/2020

1)Solve:

a) $6234 + 2121 - 3343$

b) $234 - 2345 + 5432$

2) Solve these story sums:

a) Find the sum of 3079 and 4732 and subtract 1968 from the total.

b) Mr Verma earns Rs. 6250 per month and Mrs Verma earns Rs. 3690 per month. If they spend Rs. 7550 per month, how much do they save?

SOLUTION OF 5th HOME ASSIGNMENT
CLASS- IV SUB- SCIENCE
CHAPTER- 3 (HUMAN BODY: THE DIGESTIVE AND EXCRETORY SYSTEMS)

DATE- 30/04 2020

1) ANSWER THE FOLLOWING QUESTION –

a) What is excretion?

This system helps in removing wastes from our body. The process by which wastes get removed from the body is called Excretion.

b) Name the parts of the digestive system.

The parts of digestive system are Mouth, Food pipe, Stomach, Small & Large intestine, Liver , Rectum, Anus.

c) How does the digestive system help us?

The digestive system breaks down the food further into simpler forms to release nutrients that can be used by the body.

2) FILL IN THE BLANKS –

a) **Large intestine** organ forms faeces.

b) **Rectum** organ passes the faeces to anus after storing it for some times.

EXPLANATION & 6th HOME ASSIGNMENT
CLASS- IV SUB- SCIENCE
CHAPTER- 3 (HUMAN BODY: THE DIGESTIVE AND EXCRETORY SYSTEMS)

DATE- 30/04 2020

EXPLNATION

1) WATER IS NEEDED FOR OUR BODY –

Water plays an important role in our body. It is necessary for our digestive system. Without sufficient water absorption of food and nutrients in the intestine will not be proper and digested food material will dry up in intestine. As a result, bowel movement will not occur properly. This will lead to constipation & discomfort.

2) EXCRETORY SYSTEM

a) KINDEY - Urine is formed inside the kidneys. Urine contains harmful substances that are formed inside our body.

b) Ureters – Urine is transported from kidneys to urinary bladder through thin tubes called Ureters.

c) Urinary Bladder – Urine is stored inside the Urinary bladder.

d) Urethra – Urine is released out of our body through the Urethra.

A. NAME THE FOLLOWING-

- a) The organ where urine is formed – **Kidneys**
- b) The organ form which urine is released from our body - **Urethra**
- c) The system helps in removing wastes from our body – **Excretory system**
- d) The organ where urine is stored – **Urinary bladder**

HOME ASSIGNMENT-

1) ANSWER THE FOLLOWING QUESTIONS –

- a) Name the parts of excretory system.
- b) What is the importance of water in our body?
- c) What are the functions of kidneys & ureters?
- d) What are the functions of urinary bladder & urethra?