

STAR PUBLIC SCHOOL

Dear Parents,

Today's assignment

👉 Maths New chapter - Learning division (in notebook and book also(pg no.84))

👉 Hindi new chapter (Reading + नए शब्द + शब्द अर्थ) (पेड़ और पौधे)

👉 English work done in notebook(ch- How do aeroplanes fly?) book work + question answers

Home Assignment

👉 Practice the questions given in worksheet in maths notebook(Divide and check your answer)



DATE 2.19.26

PAGE

Monday

QW

Learning Division

Q1 Use the following chart to solve the questions.

0	1	1	2	3	4	5	6	7	8	9
≠	π	#	⊙	Ψ	Ω	∞	@	Π	Σ	≈

a Decode the division problem and solve. Recode answer.

$$\Psi @ \approx \div \Psi \quad 369 \div 3 =$$

$$\begin{array}{r} 123 \\ 3 \overline{) 369} \\ \underline{-3} \downarrow \\ 06 \downarrow \\ \underline{-6} \downarrow \\ 09 \downarrow \\ \underline{-9} \\ 0 \end{array}$$

b Decode the division problem and Recode the answer.

$$\Sigma \Omega @ \div @ \quad 846 \div 6$$

$$\begin{array}{r} 141 \\ 6 \overline{) 846} \\ \underline{-6} \downarrow \\ 24 \downarrow \\ \underline{-24} \\ 06 \downarrow \\ \underline{-6} \\ 0 \end{array}$$



DATE

PAGE

17/10/20

$$\begin{array}{r} 173 \\ 3 \overline{) 521} \\ \underline{- 31} \\ 22 \\ \underline{- 21} \\ 011 \\ \underline{- 9} \\ 02 \end{array}$$

a Div $X \div R$
 $2 \times 16 + 0$
 $32 + 0$
 $32 \checkmark$

b Div $X \div R$
 $4 \times 14 + 1$
 $52 + 0$
 $52 \checkmark$

c Div $X \div R$
 $5 \times 15 + 1$
 $26 + 0$
 $76 \checkmark$

$$\begin{array}{r} h \\ 4 \overline{) 429} \\ \underline{- 411} \\ 029 \\ \underline{- 08} \\ 29 \\ \underline{- 28} \\ 01 \end{array}$$

d Div $X \div R$
 $6 \times 52 + 41$
 $52 + 0$
 $52 \checkmark$

e Div $X \div R$
 $9 \times 10 + 6$
 $90 + 06$
 $906 \checkmark$

f Div $X \div R$
 $2 \times 234 + 01$
 $415 + 01$
 415

Divide 16 and check your 14 answer

DATE

PAGE

Q2 a) $2 \overline{) 32}$

$$\begin{array}{r} -2 \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \hline \end{array}$$

$$\begin{array}{r} -12 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \hline \end{array}$$

$$15$$

c) $5 \overline{) 76}$

$$\begin{array}{r} -5 \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} -26 \\ \hline \end{array}$$

$$\begin{array}{r} -25 \\ \hline \end{array}$$

$$\begin{array}{r} 01 \\ \hline \end{array}$$

$$1006$$

e) $9 \overline{) 906}$

$$\begin{array}{r} -9 \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} 00 \\ \hline \end{array}$$

$$\begin{array}{r} -0 \\ \hline \end{array}$$

$$06$$

$$\begin{array}{r} -0 \\ \hline \end{array}$$

$$06$$

b) $4 \overline{) 57}$

$$\begin{array}{r} -4 \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ \hline \end{array}$$

$$\begin{array}{r} -16 \\ \hline \end{array}$$

$$\begin{array}{r} 01 \\ \hline \end{array}$$

$$522$$

d) $6 \overline{) 315}$

$$\begin{array}{r} -30 \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} 015 \\ \hline \end{array}$$

$$\begin{array}{r} -12 \\ \hline \end{array}$$

$$\begin{array}{r} 03 \\ \hline \end{array}$$

$$207$$

f) $2 \overline{) 415}$

$$\begin{array}{r} -4 \downarrow \downarrow \\ \hline \end{array}$$

$$\begin{array}{r} 005 \\ \hline \end{array}$$

$$\begin{array}{r} -04 \\ \hline \end{array}$$

$$\begin{array}{r} 01 \\ \hline \end{array}$$

$$207$$

2) 415

$$\begin{array}{r} -4 \downarrow \\ \hline \end{array}$$

$$01$$

$$\begin{array}{r} -0 \\ \hline \end{array}$$

$$15$$

$$\begin{array}{r} -14 \\ \hline \end{array}$$

$$01$$



DATE _____

PAGE _____

g $\text{Div} \times Q + R$

$$3 \times 73 + 02$$

$$521 + 02$$

$$529$$

$$519 + 02$$

$$\Rightarrow 521$$

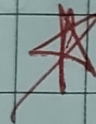
$$\begin{array}{r} 2 \\ 173 \\ \times 3 \\ \hline 519 \end{array}$$

h $\text{Div} \times Q + R$

$$4 \times 127 + 01^{107}$$

$$428 + 1$$

$$429$$


$$\frac{1}{19/26}$$

19/26

ch-5



DATE _____

PAGE _____

How do aeroplanes fly?
Ques / Ans

Q1 Why is the aeroplane called one of man's greatest inventions?

Ans The aeroplane is called one of man's greatest inventions because it help us fly like birds to any city in the world.

Q2 What features of a bird's body make it easier for it to fly?

Ans A bird's wings are larger than the rest of its body and very light. The shape of the bird's body is streamlined, which offers very little resistance to air during



flight. These features of the bird's body make it easier for it to fly.

Q3 In what ways are aeroplanes and birds similar?

Ans Aeroplanes and birds are similar in their body structure. Both have a streamlined body with wings on both sides. The wings of the plane are shaped just like those of a bird - curved at the top and flat on the bottom. Both the bird and the ^{Aeroplane} ~~aeroplane~~ fly with the help of the force of the wind.



Q4 How does a plane's engine help it fly high?

Ans The engine of the plane is a very strong machine which acts like the brain of the plane. It helps the plane push above the ground and move forward using fuel. The burning of fuel in the engine releases hot gases at high speeds, which push air behind the engine moving the plane forward.

Q5 what are the functions of a plane's wing and tails?

Ans The ^{functions} ~~function~~ of the plane's wings and tail



is to lift the plane into the sky and keep it there. The wind from the ^{above} flows over and under the wings and lifts the plane up. Once in the air, the tail keeps the plane steady and helps it change direction.

Q6 what is a runway? How is it important for a plane's takeoff?

Ans A runway is a long road that is used by planes to take off and land. Runways are very important because planes need to gain a lot of speed in order to lift themselves from the grounds. The runway



provides the plane enough time to
gain the required speed and safely take
^{into}
off ~~into~~ the air

Q7 Explain the importance of air traffic
controllers.

Ans Air traffic controllers are very important
as they tell the pilots when and where to
fly and when it is safe to take off or land.
They are to ~~air~~^{police} planes what signals and
traffic police are to cars.

3/9/26

important part of the airport as it gives aeroplanes enough time to increase their speed and ultimately **take off**.

Planes know where they have to go because they are **steered** by pilots. The pilots control the plane from a place in the front of the aeroplane called the **cockpit**. They keep in contact with the airport through very accurate and modern devices. Just like there are signals and police to help us on the roads, there are air traffic controllers who tell pilots when and where to fly; and when it is safe to take off or land. A plane is actually a giant bird. It is not only shaped like a bird, it also allows us to fly, though not like birds! Sarla wants to be a pilot and fly planes when she grows up.

– Aditi Sarawagi

take off: leave the ground and begin to fly

steered: guided or controlled

Read and Reflect

A Do as directed.

1. Write true or false.

Sarla was scolded by her teacher for looking outside the classroom.

...False...

2. Fill in the blank correctly.

Birds and aeroplanes are ...similar... in many ways.

3. Choose the correct option.

Although cars and buses can move fast too, they can't go up in the sky like planes. Why is this so?

- a. They are too heavy to be able to fly.
- b. They don't move as fast as planes.
- c. Their engines and bodies are not designed to fly.
- d. All of these

4. Complete these analogies.

- a. cars : signals :: planes : *Air traffic controller*
- b. buses : roads :: planes : *Runway*
- c. human beings : brain :: planes : *Cockpit*

B Read these lines and answer the questions that follow.

1. 'You must spend some time in the library, Sarla.'
 - a. What was Sarla doing just before this? Why?
 - b. Is the teacher angry with Sarla?
 - c. Why does the teacher ask Sarla to spend time in the library?
 - d. Does Sarla follow her teacher's advice? What does she learn?
2. With the help of this great machine, we can also experience the joy of being airborne.
 - a. Which great machine is being talked about in this line?
 - b. What does the phrase 'the joy of being airborne' mean?
 - c. How else does this great machine help us?
 - d. This great machine is similar to a in its shape and features.

Answer these questions.

1. Why is the aeroplane called one of man's greatest inventions?
2. What features of a bird's body make it easier for it to fly?
3. In what ways are aeroplanes and birds similar?
4. How does a plane's engine help it fly high?
5. What are the functions of a plane's wings and tails?
6. What is a runway? How is it important for a plane's takeoff?
7. Explain the importance of air traffic controllers.

D

Think and answer.

HOTS

- The wings of an aeroplane are shaped like a bird's wings. Yet, aeroplanes don't need to flap their wings to fly like birds. Why is this so?
- What would happen if an aeroplane were shaped like a car or a bus? Would it still be able to fly? Why or why not?

Discuss in Class

Imagine you could fly like a bird. Where would you go and why?

★ Language Link

Vocabulary

SAME BUT DIFFERENT

Read these sentences from the story.

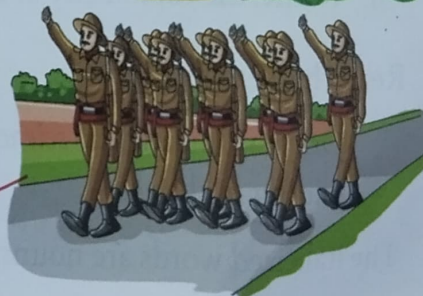
Sarla liked to *watch* birds fly. One day, during the science class, she *looked* out of the window and saw an eagle gliding in the sky.

The italicized verbs are similar yet different in meaning. *Look* simply means to see, whereas *watch* means to look at something attentively for a period of time. We have many such verbs in English which appear similar, but are used in different ways.

E Complete these sentences using suitable words from the box.

spot giggle hear laugh hike listen march notice observe stroll

- My uncle is a birdwatcher. He has got a pair of binoculars which he uses to observe the activity of birds.
- Can you spot ten differences between these two pictures?
- Did you notice Shipra's new haircut?
- The teacher asked the students to listen carefully to what she was saying.
- I could hear the sound of the hawk from far away.
- The children began to giggle when the puppy licked their toes.
- Soldiers march in a straight line during a parade.



8. The comedian's funny jokes made us all laugh.....
9. We usually stroll..... on the beach in the evening.
10. My friends and I are planning to hike..... through the beautiful forest.

Grammar

NOUNS

Read this sentence from the story.

Sarla liked to watch birds fly.

The words *Sarla* and *birds* are nouns. Nouns are words that name people, places, animals or things. They are also called naming words.

Common nouns are the common names of people, places, animals or things. They are used to refer to the things of the same kind.

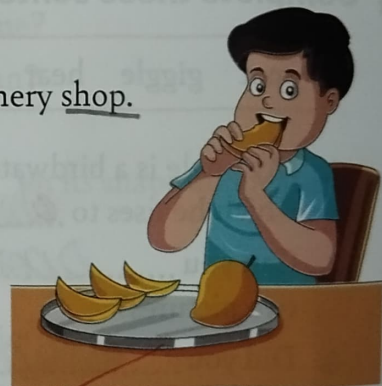
boy, school, monkey, pen

Proper nouns are the special names of people, places, animals or things. They always begin with a capital letter. The names of the days of the week, months and some special days are proper nouns.

Ashima, Indore, India Gate, Tuesday, April, Christmas

F Underline the common nouns and circle the proper nouns in these sentences.

1. My friend Sara lives across the park.
2. I need a pencil, an eraser and a notebook from the stationery shop.
3. My mother gave me a new storybook to read.
4. I love eating mangoes during the summer.
5. The bus stopped near the Anna Centenary Library.
6. Mount Everest is the highest mountain in the world.
7. We celebrate festivals with our family and friends.
8. Rome, the capital city of Italy, is known for its rich history and culture.



Read this sentence.

One day, during the *science* class, she looked out of the *window* and saw an *eagle* gliding in the *sky*.

The italicized words are nouns. But there is a difference between them. Can you tell what?

Look at the nouns window and eagle. Can we count them? Yes, we can. We call such nouns countable nouns. Now, look at the nouns science and sky. Can we count these? No, we can't. We call such nouns uncountable nouns.

Countable nouns refer to things that can be easily separated and counted.

car, book, pen, bottle, printer

Uncountable nouns are nouns that are treated as a whole; they can't be separated or counted.

water, rice, cricket, oil, sadness

G Sort these nouns into countable and uncountable nouns.

pencil chair milk music happiness friend advice
sand toy sandwich maths number star anger
river furniture sofa knowledge radio ignorance

Countable noun	Uncountable noun
pencil chair furniture sofa friend maths toy sandwich number star radio	milk music sand river advice anger knowledge ignorance

H Now pick any five countable and uncountable nouns from the above box and make sentences using them. Write the sentences in your notebook.

Writing Steps

A personal account is a piece of writing that describes an incident or event from the writer's point of view. It is written in the first person (using the pronoun *I*).

I Sarla's science teacher encourages her to follow her interest and explore it further. Write a short personal account about a time when someone

Practice Questions

Q1. Divide and check your answer :-

1. $909 \div 9$

5. $97 \div 7$

2. $417 \div 2$

3. $420 \div 4$

4. $88 \div 2$