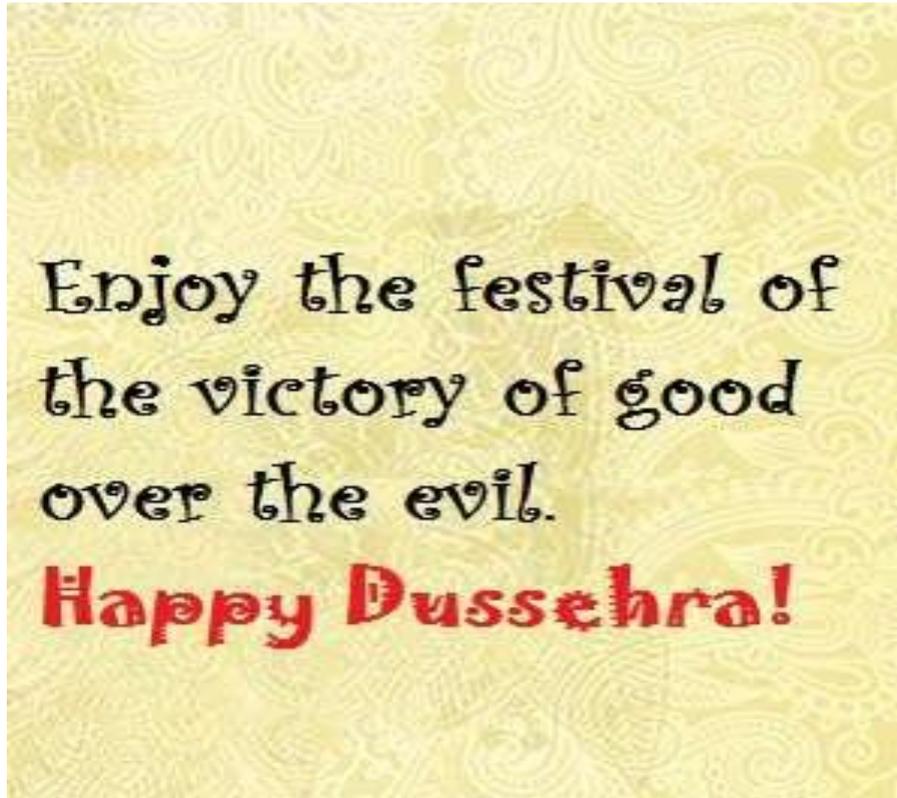




G.D. GOENKA PUBLIC SCHOOL, SILIGURI



HOLIDAY HOMEWORK

CLASS: IV



GENERAL INSTRUCTIONS:

1. Write your name, class and section on your assignment or models.
2. Submit the models or worksheets on re-opening of School after the Puja Break.
3. Name the source if you have used the internet for research(if applicable)

Name: _____, Sec: _____, Roll No.: _____

SPACE AND STARS

All that has ever existed make up our **Universe**. It is everything we have ever known. We as humans are part of this wonderful creation. Humans like you and I live on a rocky planet that is very large to us, but is a tiny spec in the infinite Universe, hidden away in a cluster of billions of Stars that makes up our Galaxy.



Stars are balls of hot, explosive gas that make their own light and heat energy. There are different colours and sizes of **stars** including yellow dwarfs which are medium-sized **stars** like our Sun.

The nearest Star to us, Proxima Centauri is about 4.2 light years away. It would take around 70,000 years at a space craft's fastest speed to reach this star.



A **constellation** is a group of stars that form an imaginary outline or meaningful pattern on the celestial sphere, typically representing an animal, mythological person or creature, a god, or an inanimate object.

MATHEMATICS**MULTIPLES**

A **multiple** is the product of a given whole number and another whole number.

$1 \times 6 = 6$

$2 \times 6 = 12$

$3 \times 6 = 18$

$4 \times 6 = 24$

$5 \times 6 = 30$

$6 \times 6 = 36$

$6 \times 7 = 42$

$6 \times 8 = 48$

$6 \times 9 = 54$ and so on...

1. What are the first 6 multiples of 8?

_____, _____, _____, _____, _____, _____

2. What are the first 4 multiples of 9?

_____, _____, _____, and _____

3. Circle the numbers that are multiples of 7.

7, 14, 17, 21, 27, 35

4. Circle the numbers that are multiples of 8.

38, 40, 45, 49, 64, 72, 81

5. Are multiples of 4 always even? Explain.

6. Are multiples of 3 always odd? Explain.

Date: _____

FACTORS AND MULTIPLES

List all the factors of the given numbers.

1 a. 30

1 b. 92

2 a. 26

2 b. 42

3 a. 87

3 b. 21

FRACTIONS

Add the following:

1 a. $\frac{5}{9} + \frac{8}{9} =$

1 b. $\frac{9}{2} + \frac{2}{2} =$

2 a. $\frac{1}{8} + \frac{10}{8} =$

2 b. $\frac{2}{5} + \frac{9}{5} =$

3 a. $\frac{1}{3} + \frac{10}{3} =$

3 b. $\frac{2}{8} + \frac{3}{8} =$

4 a. $\frac{10}{4} + \frac{5}{4} =$

4 b. $\frac{3}{8} + \frac{2}{8} =$

5 a. $\frac{12}{8} + \frac{12}{8} =$

5 b. $\frac{1}{12} + \frac{7}{12} =$

6 a. $\frac{4}{3} - \frac{3}{3} =$

6 b. $\frac{10}{4} - \frac{6}{4} =$

7 a. $\frac{9}{12} - \frac{1}{12} =$

7 b. $\frac{8}{6} - \frac{8}{6} =$

8 a. $\frac{7}{10} - \frac{4}{10} =$

8 b. $\frac{10}{5} - \frac{4}{5} =$

9 a. $\frac{12}{7} - \frac{2}{7} =$

9 b. $\frac{9}{5} - \frac{1}{5} =$

10 a. $\frac{9}{5} - \frac{6}{5} =$

10 b. $\frac{2}{6} - \frac{2}{6} =$

Date: _____

II. Write these mixed numbers as fractions.

1 a . $1\frac{9}{12}$

1 b . $6\frac{4}{6}$

1 c . $6\frac{6}{7}$

2 a . $7\frac{3}{12}$

2 b . $8\frac{1}{5}$

2 c . $1\frac{1}{2}$

Write these fractions as mixed numbers.

1 a . $\frac{17}{8}$

1 b . $\frac{25}{7}$

1 c . $\frac{9}{2}$

2 a . $\frac{29}{7}$

2 b . $\frac{2}{7}$

2 c . $\frac{24}{9}$

Solve the following:

- a. Sanjay made 16 cupcakes and put sprinkles on three-fourths of them. How many cupcakes have sprinkles?

- b. Anish has 30 sweets. He gave half of his sweets to his little sister and one – third to his brother. How many sweets are left with Anish?

ENGLISH

Articles

A) Put in A / AN or THE. Sometimes you don't need either word – you leave it blank.

1. There was waiter standing at entrance of restaurant. I ordered him glass of juice with some ice in it.
2. There was question I wanted to ask Biology teacher about Kangaroos. She had said kangaroo carried her baby in kind of bag in front part of her body. I wanted to know how many baby Kangaroos it could carry at time.
3. "Is that your wife?" "No, my wife's woman in red dress."
4. I work with man and two women. man is quite nice, but women are not very friendly.
5. What's in newspaper?
6. Can you show me that book, please?
7. What's name of woman in blue dress?
8. water turns into ice at 0 degree C.
9. I like chicken, but I don't like Eggs.
10. She lives in nice flat on fifth floor of old house.
11. It's terrible - Eggs are Rs. 52 dozen.
12. There was boy and girl in the room. boy was Japanese but girl looked foreign. She was wearing fur coat.
13. This morning I bought newspaper and magazine. newspaper is in my bag but I don't know where magazine is.
14. "Have you got car?" "No, I've never had car in my life."
15. We don't go to cinema very much these days. In fact, in town where we live there isn't cinema.
16. Don't stay in that hotel. beds are very uncomfortable.
17. After I leave school, I want to go to university.

B) Put in A / AN or THE. Sometimes you don't need either word – put a cross.

1. John Callaway is bank manager. He works in bank in center of London. Every morning he gets up at seven o'clock, has breakfast and cup of coffee, and reads 'Times'. Then he goes to work by bus. In morning, he usually makes telephone calls, sees customers and dictates letters. He has lunch at restaurant near bank. In afternoon he works until

five or five-thirty, and then goes home. He doesn't work on Saturdays or Sundays; he goes to cinema or reads. He likes novels and History. He is not married. He has sister in Oxford and brother in London.

2. Have you got Camera?
3. You need visa to visit foreign countries, but not all of them.
4. When we reached city center,shops were still open but most of them were already closed.
5. Jack has got very long legs, so he's fast runner.
6. I'm looking for job. And did Ann get job she applied for?
7. Did police find person who stole your bicycle?
8. We went out for meal last night. restaurant we went to was excellent.
9. This morning I had boiled egg and toast for breakfast.
10. Tom always gives Ann Flowers on her birthday.
11. I went into the shop and asked to speak to Manager.
12. There's no need to buy any milk. milkman brings it every morning.
13. It was warm and sunny, so we decided to sit in garden.
14. Jane is teacher. Her parents were teachers too.
15. Bill's got big feet.
16. Would you like to be actor?

C) Put a suitable article into the blanks:

1. My neighbour is photographer; let's ask him for advice about colour films.
2. I had very bad night; I didn't sleep wink.
3. He is vegetarian; you won't get meat at his house.
4. youngest boy has just started going to school; eldest boy is at college.
5. I went to school to talk to headmistress. I persuaded her to let Ann give up gymnastics and take ballet lessons instead.
6. There was knock on door. I opened it and found small dark man in check overcoat and soft hat.
7. - Are John and Mary cousins? - No, they aren't cousins; they are brother and sister.
8. postman's little boy says that he'd rather be dentist than doctor, because dentists don't get called out at night.

9. - Would you like to hear story about Englishman Irishman and Scotsman? - No. I've heard Stories about Englishmen, Irishmen and Scotsmen before and they are all same.
10. "..... modern burglars don't hide under beds." said her daughter.
11. most of stories that people tell about Irish aren't true.
12. Like many women, she loves tea parties and gossip.
13. On Sundays my father stays in bed till ten o'clock, reading Sunday papers.
14. I have little money left; let's have dinner in restaurant.
15. - I hope you have lovely time and good weather. - But I'm not going for holiday; I'm going on business.
16. During meal he gives her instructions about garden and she tells him village gossip.
17. My mother goes to church in morning, and in afternoon goes to visit friends.

D) Some of the blank spaces below need ARTICLES, others do not. Fill in the articles where needed.

1. Tobacco is one of most important products of South.
2. fresh air is needed by all people.
3. cotton which comes from Alabama is better than cotton which comes from Oklahoma.
4. air in this room is fresh.
5. important products which we get from India are tea, cotton, and rice.
6. telephone seldom rings in our home.
7. silver is conductor of electricity.
8. I get on train at same place every day.
9. rain and sun are needed for raising of vegetables.
10. Mary is waving to us from across street.
11. sun is shining but part of sky is still covered with clouds.
12. women use much make-up.
13. Sometimes everyone must take medicine.
14. coffee will keep you awake all night.
15. medicine which doctor prescribed helped me.
16. tea seems to keep some people awake.
17. He likes to study French.

18. coffee is very strong.
19. In that course, we study History of all important countries of Asia.
20. coffee which comes from Brazil is best.

E) Some of the blank spaces below need ARTICLES, others do not. Fill in the articles where needed.

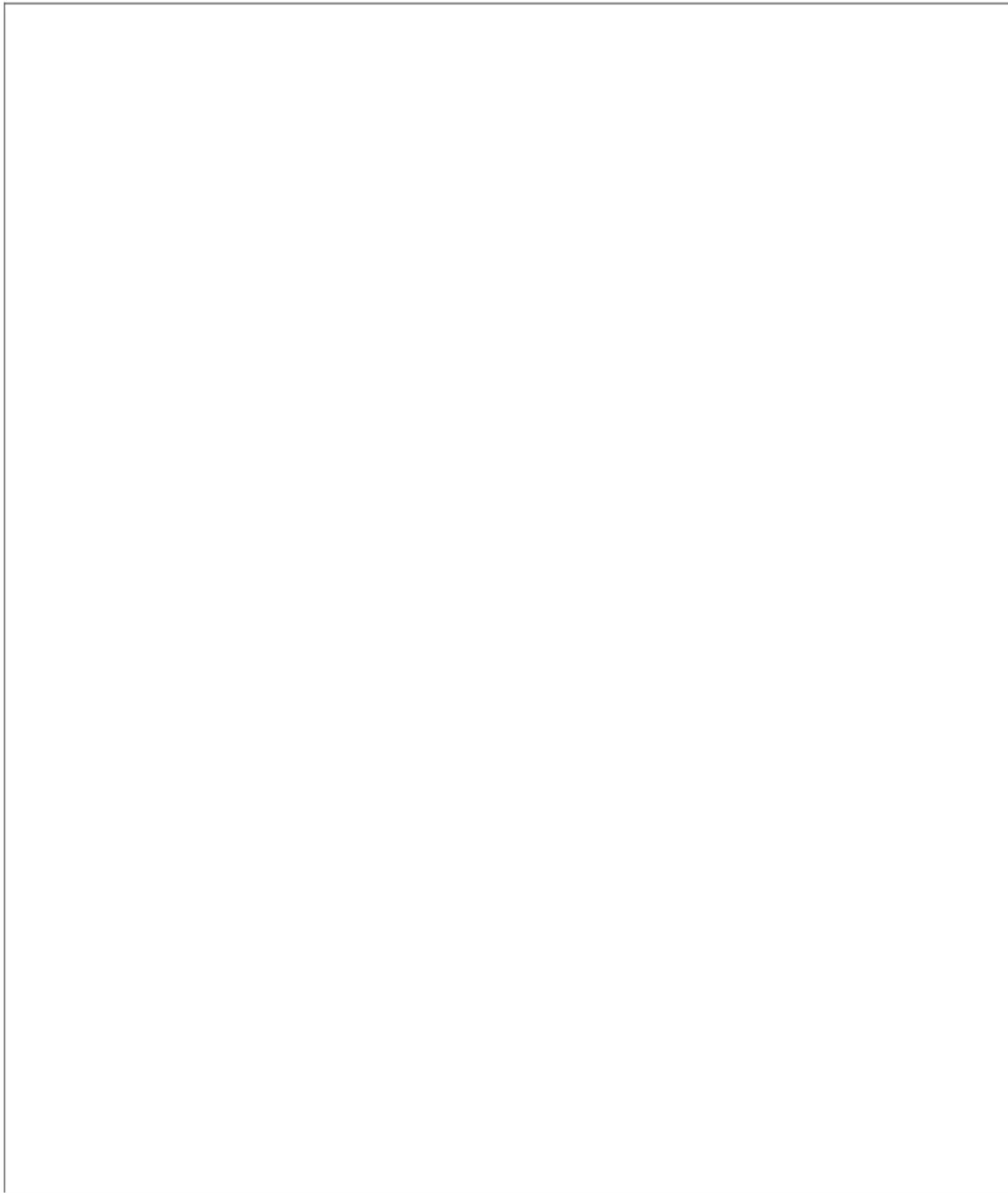
1. He went to Spain last month.
2. When you go to Spain, be sure to see Madrid.
3. He works in building on corner of Tenth Ave. and 62nd St.
4. Tokyo is largest city in World.
5. traffic on Jones Avenue is heavy.
6. Miami is center of tobacco industry.
7. Rio Grande River forms boundary between U.S. and Mexico.
8. rivers of eastern part of United States flow toward East Coast.
9. largest river in America is Mississippi.
10. New York subway trains are very comfortable.
11. climate of Southern Florida is very nice all year.
12. capital of France is Paris, but capital of England is London.
13. Tenth Street has some very nice shops.
14. Some of Tenth Street shops are very inexpensive, too.
15. President will be on TV tonight.

Date: _____

COMPUTER

INPUT OUTPUT AND STORAGE DEVICES

Collect the pictures of various storage devices from computer, magazines, internet etc. and paste it:



Date: _____

MEMORY AND STORAGE

A. MEMORY SIZE

8 bits	
1024 Giga Byte	
1024 Peta Byte	
1024 Zetabyte	
1024 Kilo Byte	
1024 Yottabyte	
1024 Bytes	
1024 Mega Byte	
1024 Exabyte	

B. Write the full form of the following:

2. DVD- _____

3. CPU- _____

4. USB- _____

5. CD- _____

6. RAM- _____

7. ROM- _____

Date: _____

Managing FILES and FOLDERS

Unscramble these five Jumbles, one letter to each square to form five words.

7. L O D F R E

— ○ — — — —

8. H E C R O M

○ — ○ — — —

9. L O B T O R A

— ○ — — — — ○

10. O I N C S

— — — — ○ —

11. T E A S P

— — ○ — — —

Now arrange the circled letters to form the surprise answer, as suggested by the question below.

Question:

Windows 10 has a refined and powerful search tool that allows you to search for

Information on the system or on the web directly, this search tool is called

— — — — — — — —