



HOLIDAY ASSIGNMENT CLASS 8

English

- * Prepare a dictionary having minimum 5 words of each alphabet with meaning. Cover it with beautiful cover and put a bookmark in it with a moral value written on bookmark.
- * Write five Hindi to English translation daily in holiday assignment notebook.

Science

1. Make a chart of different types of the microorganism (draw at least three examples of each.)
2. Collect pictures of some agricultural machines and paste them on your holiday homework notebook. write their names and uses (at least eight)

Hindi

- * "स्वतंत्रता का महत्व" इस विषय पर अपने विचार लिखिए।
- * आपके परिवार में बुजुर्गों का सम्मान किस प्रकार होता है लिखिए ?
- * प्रतिदिन समाचार पत्र में से 15 कठिन शब्द छांट कर लिखिए।

Sanskrit

1. गर्मी की छुट्टियां होने पर "मम दिनचर्या पर 10 वाक्य संस्कृत में लिखिए
2. उपसर्ग और प्रत्यय लगाकर 10-10 शब्द लिखिए

Social Study

1. Make a chart of union ministers with their photo, functions and portfolio. (At least 8 minister including Prime Minister)
2. Collect picture stories poems and information of the following (Any - 6)

i. The Rani Of Jhansi	vi. Chhatrapati Shivaji
ii. Tipu Sultan	vii Sukhdev
iii. Maharaja Ranjeet Singh	viii Bhagat Singh
iv. Lala Lajpat Rai	ix Chandra Shekhar Azad
v. Maharana Pratap	x Lal Bahadur Shastri

Computer

1. Make a poster on netiquettes. Explore internet and find different things which we should keep in mind while working online.
2. Explain the internet and find information on different AI machines which are running in the market and people are using them write a few lines about those machines



Siddharth Modern Higher Secondary School

Maths

ACTIVITY MAKE A CHART BASED ON PROPERTIES OF RATIONAL NUMBERS ON HALF / A4 SIZE CHART PAPER. IT MUST BE ATTRACTIVE AND COLOUR FULL.

WORK SHEET

1. If $\frac{a}{b}$ is a rational number, then b is always a whole number.
a) True b) False
2. If $c \neq 0$, then the multiplicative inverse of $\frac{a}{b}$ is $\frac{b}{a}$.
a) True b) False
3. If $\frac{m}{n}$ is a rational number, then m is not equal to zero.
a) True b) False
4. If A and B are rational number then $A - B = B - A$.
a) True b) False
5. Multiplicative identity of rational number is 0.
a) True b) False
6. Multiplicative inverse of a negative rational number is _____.
a) 0 b) A positive rational number
c) 1 d) A negative rational number
7. Simplify $3\frac{1}{3} + 2\frac{1}{12} \times 2\frac{5}{11}$.
a) $4\frac{5}{115}$ b) 152 c) $11\frac{15}{12}$ d) $14\frac{41}{132}$
8. By what rational number should $-1\frac{1}{12}$ be multiplied to get the product $-1\frac{1}{20}$.
a) $\frac{3}{5}$ b) $\frac{2}{10}$ c) $\frac{3}{12}$ d) $\frac{5}{4}$
9. Divide the sum of $-1\frac{5}{7}$ and $2\frac{3}{5}$ by their difference.
a) $-\frac{3}{45}$ b) $-\frac{8}{83}$ c) $-\frac{5}{35}$ d) $-\frac{6}{73}$
10. Area of a rectangular park is $8\frac{9}{20}$ sq. m. If the length of the park is $3\frac{1}{4}$ m, find its breath.
a) $3\frac{5}{7}$ m b) $2\frac{3}{5}$ c) $\frac{5}{9}$ m d) $\frac{9}{20}$
11. Find the area of a square park whose one side is $3\frac{4}{5}$ m long.
a) $14\frac{11}{25}$ b) $21\frac{3}{25}$ c) $22\frac{1}{25}$ d) $52\frac{1}{25}$
12. **Name the property of multiplication illustrated by the following statements:**
(i) $-11/13 \times -17/5 = -17/5 \times -11/13$
(ii) $\{(-2)/3 \times 7/9\} \times (-9)/5 = (-2)/3 \times \{7/9 \times (-9)/5\}$
(iii) $(-3)/4 \times \{(-5)/6 + 7/8\} = \{(-3)/4 \times (-5)/6\} + \{(-3)/4 \times 7/8\}$
(iv) $(-16)/9 \times 1 = 1 \times (-16)/9 = (-16)/9$
(v) $(-11)/15 \times 15/-11 = 15/-11 \times (-11)/15 = 1$
(vi) $-7/5 \times 0 = 0$
13. Calculate the following:
(a) $\frac{-4}{5} \times \frac{3}{7} + \frac{4}{5} \times \frac{3}{7}$ (b) $\frac{1}{2} \times \frac{5}{6} + \frac{1}{3} \times \frac{1}{4}$
14. One-third of a group of people are men. If the number of women is 200 more than the men, find the total number of people.