

KENDRIYA VIDYALAYA, CRPF PALLIPURAM
HOLIDAY HOMEWORK – WINTER BREAK 2017

CLASS - VI, VII, VIII

MATHS

Class vi

1. Express the mixed fraction $1\frac{1}{2}$ as an improper fraction.
2. The simplest form of $\frac{12}{20}$ is.....
3. Which is greater ?
0.3 or 0.4
4. Compare the fractions and put an appropriate sign.
 - a. $\frac{3}{6}$ $\frac{5}{6}$
 - b. $\frac{1}{7}$ $\frac{1}{4}$
5. Write the following decimals as fractions. Reduce the fractions to lowest form;
 - a. 0.6
 - b. 2.5
6. Solve
 - a. $\frac{2}{3} + \frac{1}{7}$
 - b. $\frac{5}{6} - \frac{1}{3}$
7. Express the following as cm using decimals;
 - a. 2 mm
 - b. 116 mm
 - c. 4 cm 2 mm

Class -VIII Holiday home work

1. The ratio of 50paise to Rs 1 is
2. How many terms are there in the expression $5xy$?
3. The coefficient in the term $7xy$ is
4. The product of $4mn$ and 0 is.....
5. Write Euler's formula .
6. The volume of a cube of edge a is
7. 72% of 25 students are good in mathematics . How many are not good in mathematics ?
8. A man got a 10% increase in his salary. if his new salary is Rs 1,54,000, find his original salary .
9. Find the product:
 - [a] $2x(3x+5xy)$
 - [b] $ab(a-b)$

SCIENCE

HOLIDAY HOME WORK CLASS VIII

Note: The HW is to be done in A4 size papers.

1. Collect and paste pictures of musical instrument and write the names of the part which vibrates and produces sound?
2.
 - a. List sources of noise pollution in your surroundings. Explain in what way noise pollution is harmful to humans.
 - b. What is the difference between noise and music? Can music become noise?
 - c. Suggest different ways to reduce noise pollution.
3. Explain why friction is a necessary evil. Give five examples where friction is desirable and five situations where friction is an evil.

COMPUTER

Class VI

Generations of Mobile technology. [Write in detail.]

Class VII

What is e-commerce? Write in detail.

CLASS VIII

Write about following on A4 size paper (Minimum 200 pages each:

- (i) Generations of Mobile communication
- (ii) Importance of Aadhar number
- (iii) Online services (any 3)