



# SPRINGFIELD PUBLIC SCHOOL

## HOLIDAYS HOMEWORK

### CLASS – 7

**Dear Parent**

The summer Vacation for all classes have commenced from Monday, the students are encouraged to spend significant time in regular studies, Holiday home work for your ward is being sent to you. I would encourage every child to develop healthy reading habits in order to be relevant and smart.

**Regards**

**Subject - Maths**

**INSTRUCTIONS:**

1. Solve the following worksheets in holiday homework notebook.
2. Activities to be done on A-4 size sheets.

### **WORKSHEET- 1**

1. What is the difference between greatest two-digit positive number and smallest three-digit negative number?  
(a) 199                      (b)110                      (c)1100                      (d)1098
2. What is the value of the expression:  
 $(- 216) - (-351) + (-98) - (71) + (28) - (-56) ?$   
(a) -50                      (b)15                      (c) -15                      (d)50
3. Fill in the blanks:  
(a)  $(-55) + \underline{\hspace{1cm}} = (-89)$   
(b)  $(-70) \div \underline{\hspace{1cm}} = 5$   
(c)  $(-7) \times (+2) = \underline{\hspace{1cm}}$   
(d)  $86 - (- 47) = \underline{\hspace{1cm}}$
4. Verify the following  
i)  $(-25) \times [ (-7) + (-15) ] = [ (-25) \times (-7) ] + [ (-25) \times (-15) ]$   
ii)  $(-7) \times [ (-8) + 9 ] = [ -7 \times (-8) ] + [ (-7) \times 9 ]$

5. The temperature of a city was found to be  $30^{\circ}\text{C}$  on a particular day .Next day, the temperature was found to be  $-40^{\circ}\text{C}$  .What is the change in the temperature of the city over the two days?  
 (a) Decrease by  $70^{\circ}\text{C}$  (b) Decrease by  $10^{\circ}\text{C}$   
 (c) Increase by  $70^{\circ}\text{C}$  (d) Increase by  $10^{\circ}\text{C}$
6. Find the product using suitable proportion :-  
 a)  $8759 \times 2391 - 2391 \times 7759$   
 b)  $(-9785) \times 937 + (-215) \times 937$   
 c)  $35 \times (-25) \times (-4) \times 10$
7. Write down a pair of integers whose  
 (a) Sum is 3  
 (b) Sum is 0  
 (c) Difference is 2  
 (d) Difference is 5
8. Fill in the blanks with  $<$ ,  $>$  or  $=$  sign.  
 (-3) + (-6) \_\_\_\_\_ (-3)-(-6)  
 (b) (-21)-(-10) \_\_\_\_\_ (-31) + (-11)  
 (c)  $45 - (-11)$  \_\_\_\_\_  $57 + (-4)$   
 (d)  $(-25) - (-42)$  \_\_\_\_\_  $(-42) - (-25)$
9. What will be the sign of the product a x b if-  
 i) a is the product of 5 positive integers and b is the product of 9 negative integers.  
 ii) a is the product of 6 positive integers and b is the product of 8 negative integers.  
 iii) a is positive and b is the product of 50 negative integers.
10. In a class test containing 15 questions, 4 marks are given for every correct answer and (-1) marks are given for every incorrect answer.  
 i) Gokul attempts all questions but only 6 of his answers are correct. What is his total score?  
 ii) Neena gets 12 of her answers correct. What will be her score?

## WORKSHEET – 2

1. **Fill in the blanks: -**  
 i) A fraction is a number which can be written in the form  $a/b$ , where a, b are \_\_\_\_\_ numbers and  $b \neq 0$ .  
 ii) If numerator and denominator of a fraction have no common factor other than 1, then the fraction is said to be in its \_\_\_\_\_ form.

iii) If  $312.5 \div 25 = 12.5$ , then value of  $3.125 \div 25$  is \_\_\_\_\_.

iv) When a decimal number is multiplied by 10,000 or 100, the digits in the product are same as the decimal number but the decimal point in the product is shifted to the \_\_\_\_\_, by as many of places as there are zeros over one.

2. Solve –

i)  $\frac{2}{7} + \frac{3}{23} - 5\frac{2}{17}$

ii)  $\frac{1}{6\frac{6}{7}} + \frac{2}{7} + \frac{1}{3\frac{11}{13}}$

3. A fruit seller buys 712 fruits, of which  $\frac{3}{4}$  are apples. Of all the apples that he bought,  $\frac{1}{3}$  were found to be rotten. If he sold all the good apples at Rs.  $5\frac{1}{4}$  each. How much money did he receive on selling all the good apples?

4. If  $\frac{2}{3}$  of a number is 6, find the number.

5. State true/ false for the following statements -

i) A decimal fraction is a fraction where the denominator is 10 or higher power of 10.

ii) Every integer can be expressed as a fraction.

iii) The reciprocal of  $\frac{2}{7}$  is  $\frac{7}{2}$ .

iv) The reciprocal of an improper fraction is an improper fraction.

v) The product of 7 and  $3\frac{6}{11}$  is  $\frac{127}{11}$ .

6.



The picture interprets

(a)  $\frac{1}{2}$

(b)  $\frac{7}{4}$

(c) 1

(d)  $\frac{3}{4}$

7. If 21.875 litres of oil is in  $3\frac{1}{2}$  cans of tin of equal capacity, find the capacity of oil in each can.

8. Arnab spends  $1\frac{3}{4}$  hours in studies,  $2\frac{1}{2}$  hours in playing cricket. How much time does he spend in all?

9. Arrange the following in ascending order:

(i)  $\frac{2}{7}, \frac{3}{5}, \frac{5}{6}$

(ii)  $\frac{1}{5}, \frac{3}{7}, \frac{7}{10}, \frac{1}{6}$

10. A square paper sheet has  $10\frac{2}{5}$  cm long side. Find its perimeter and area.

### WORKSHEET – 3

1. Represent 3 kg 9 gm using decimals.

2. Find -

a)  $8.1 \times 2.1$

b)  $3.2 \times 5.34$

c)  $1.2 \times 2.53$

d)  $21.365 \times 100$

3. Express as rupees using decimals –  
a) 479 paise      b) 2 rupees 30 paise      c) 25 rupees 85 paise      d) 75 paise

4. Express 75 mm in cm, m and km.

5. What decimal represents the shaded part?



- (a) 0.20  
(b) 0.25  
(c) 0.50  
(d) 0.75
6. Rose spends Rs. 56.78 for Science textbook and Rs. 82.35 for Maths text book. Find the total amount spend by Rose.
7. Which of the following is false?  
(a)  $0.735 > \frac{3}{4}$   
(b)  $\frac{9}{10} < 0.91$   
(c)  $\frac{5}{6} > \frac{7}{9}$   
(d)  $-0.375 = -\frac{3}{8}$
8. Convert each of these unlike decimals into like decimals :
- (a) 0.1, 3.68, 1  
(b) 1.11, 12.754, 92.5, 17  
(c) 8.39, 9.236, 24.8, 263.07, 3  
(d) 0.91, 65.87, 21, 9.3064
9. Ajmal bought 21 kg 360 g of wheat and 37 kg 350g of rice. Roshan bought 32 kg 500g of wheat and 28 kg 150 g of rice. Who bought more cereals and how much? Calculate your answer in kg
10. What number should be placed in the square to make the equation true?  
 $5.32 - \square = 5.32 + (-7.89)$   
a) 2.57      b) -7.89      c) 7.89      d) -2.57

## **ACTIVITIES-**

1. Draw or paste pictures of flags from any 5 countries. The flags should be divided into 3 or 4 equal parts. Write down the fraction of each colour in the flag.
2. Prepare crossword puzzle with integers.
3. Collect any three photographs, paste them and find the area for each one of them.
4. Make a Rangoli Design using geometrical shapes only.

## **Subject - Science**

1. Make a working model of Respiratory System

Or

Make a working model of Water Dispenser

Or

Make a still model of Photosynthesis.

2. Prepare Chapter -1 and 2 for oral presentation.

## **Subject – English (Do in new notebook)**

1. It was a beautiful Sunday morning..... (complete the story in 100 words)
2. Learn and Write five words every day from dictionary along with their meaning.
3. Think and write a report that what steps we can take to promote peace in a country. (Hint: Ukraine and Russia War)
4. Read any two stories based on values and ethics and write the summary of the story.
5. Prepare the chapters done till now for oral presentation.

## **Subject – Social Science**

**Creating :- ( Do any one out of three)**

1. Make a poster showing different landforms and water.
2. Model on layers of the earth.
3. Model on the topic -Layers of Soil

### Reading and Learning:-

Read Chapter - \*Democracy, Institution of democracy\* thoroughly and try to find out reading based 10 questions answers from each chapter.

### Subject – Hindi

1) निम्नलिखित विषयों में से किसी एक विषय पर अपने शब्दों में कविता लिखो।

उदाहरण के लिए आपको कविता की कुछ पंक्तियां दी गई हैं:

क) "तू चल तो सही"

ये मंजिले तेरी हैं

सफर भी तेरा होगा

कितनी भी हो रात रास्ते में

मगर उस रात का भी सवेरा होगा

इन रात के अंधेरो में

तू मशाल लेकर निकल तो सही

तू चल तो सही.....

अथवा

ख) "कोरोना और ज़िंदगी"

बिखर गया था सब

सिमटना भी जरूरी था

न जाने कितनी हो गई थी उलझने

उनका सुलझना भी जरूरी था

अब खंडहर पड़े मकानों का

घर होना भी जरूरी था

खफा खफा थे सब एक दूसरे से

तो अपनो के लिए रोना भी जरूरी था...

2)\*स्कूल के बिना जिंदगी\* नामक विषय को लेकर आपके मन में जो चित्र उभरता है उसे अपने शब्दों में लिखिए ।

3)पढाए गए पाठ्यक्रम को अच्छे से याद करें व लिखित अभ्यास करें।

आपकी छुटियाँ आनंददायक हों , सब स्वस्थ रहें, सुरक्षित रहें ।