



# MADHUVANI SANGAM PRIMARY SCHOOL

## STUDENTS WORKSHEET # 1 COVID- 19 (EXTENDED SCHOOL BREAK)

<b>SUBJECT</b>	<b>Mathematics</b>	<b>YEAR</b>	<b>6</b>
<b>NAME</b>		<b>ADDRESS</b>	

### A. WORD PROBLEMS

1. How many minutes are there in 1 hour?
2. 420 km of road is divided into 6 equal section. What is the length of each section?
3. Mohan's Poultry Farm produces an average of 2500 eggs each day. How many eggs will be produced in the month of September?
3. At Sama Primary School there are 454 girls on the school roll and 491 boys. How many children attend the school?
4. The price of a television is \$1600 and a DVD player is \$342. How much does Mr. Brown have to pay if he already paid \$840 deposit?

### B. SHORT ANSWER QUESTIONS

1.  $52\ 84$   
 $+29\ 63$
2.  $3\ 406$   
 $-1658$
3.  $\$179.21$   
 $+\$614.39$
4.  $\$799.42$   
 $-\$687.92$
5.  $189.72\ m$   
 $+642.61m$

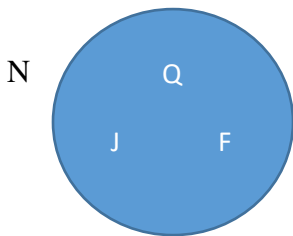
6.846.66m	7. 192 kg	8. 529 kg	9. 7 914 L	10. 1 141 L
<u>-491.82m</u>	<u>+418 kg</u>	<u>- 41 kg</u>	<u>- 162 L</u>	<u>- 984 L</u>

**C. MULTIPLE CHOICE**

1. Which of the following number represents sixty five thousand and nine?

- A. 6 107                      B. 82 372                      C. 65 009                      D. 38 412

2. Study Set N below



The number property of set N is :

- A. 6                      B. 3                      C. 9                      D. 10

3. When 6 056 is rounded off to the nearest thousands, its value will be \_\_\_\_\_ .

- A. 6000                      B. 7000                      C. 2000                      D. 4000

4. Arun collected the following number of guavas for the following days.

Monday - 16	Tuesday - 24
Wednesday - 12	Thursday - 35

What is the total number of guavas did Aun collect?

- A. 67                      B.39                      C.72                      D.87

5. Which of the following is not a prime number?

- A. 19                      B. 24                      C. 37                      D. 23

6. Which one of the following is the equivalent fraction for  $\frac{1}{3}$ ?

- A.  $\frac{9}{10}$                       B.  $\frac{5}{16}$                       C.  $\frac{4}{19}$                       D.  $\frac{2}{3}$

**D.****1. Multiply these fractions.**

a.  $\frac{1}{2} \times \frac{1}{3} = \underline{\hspace{2cm}}$

b.  $\frac{2}{5} \times \frac{4}{5} = \underline{\hspace{2cm}}$

c.  $\frac{3}{4} \times \frac{1}{2} = \underline{\hspace{2cm}}$

d.  $\frac{2}{3} \times \frac{1}{4} = \underline{\hspace{2cm}}$

**2. Convert each improper fraction to a mixed number.**

a.  $\frac{9}{4} = \underline{\hspace{2cm}}$

b.  $\frac{8}{3} = \underline{\hspace{2cm}}$

c.  $\frac{20}{6} = \underline{\hspace{2cm}}$

d. a.  $\frac{7}{5} = \underline{\hspace{2cm}}$

e.  $\frac{11}{8} = \underline{\hspace{2cm}}$

f.  $\frac{10}{3} = \underline{\hspace{2cm}}$

g.  $\frac{7}{2} = \underline{\hspace{2cm}}$

h.  $\frac{20}{3} = \underline{\hspace{2cm}}$

**3. Convert each mixed number to an improper fraction.**

a.  $1 \frac{1}{3} = \underline{\hspace{2cm}}$

b.  $2 \frac{1}{2} = \underline{\hspace{2cm}}$

c.  $3 \frac{1}{3} = \underline{\hspace{2cm}}$

d.  $4 \frac{1}{2} = \underline{\hspace{2cm}}$

a.  $4 \frac{1}{3} = \underline{\hspace{2cm}}$

b.  $8 \frac{1}{10} = \underline{\hspace{2cm}}$

c.  $6 \frac{1}{3} = \underline{\hspace{2cm}}$

d.  $2 \frac{5}{6} = \underline{\hspace{2cm}}$

**4. Word Problems**

a. If Pita ate  $\frac{1}{4}$  of a pizza and Ramesh ate  $\frac{3}{8}$  of a pizza, how much pizza did they eat altogether?

b. Salote was given a cake. If her friend ate  $\frac{1}{5}$  of it and she ate  $\frac{3}{10}$ , how much cake was left?

c. Jale bought a packet of 60 biscuits on Saturday. On Sunday he ate half of them. On Monday he ate 19 of them. How many biscuits did he have left for Tuesday?

d. Mrs. Lal made a fruit salad with  $\frac{5}{1}$  of a kilogram of pawpaw and  $\frac{1}{1}$  a kilogram of guavas. How many kilograms of fruit did she use in all?

**5. Continue the equivalent fraction patterns.**

a.  $\frac{1}{2} = \frac{2}{4} = \frac{\quad}{6} = \frac{\quad}{8} = \frac{\quad}{10} = \frac{\quad}{12}$

b.  $\frac{1}{4} = \frac{2}{8} = \frac{\quad}{12} = \frac{\quad}{16} = \frac{\quad}{20} = \frac{\quad}{24}$

c.  $\frac{2}{3} = \frac{4}{6} = \frac{\quad}{9} = \frac{\quad}{12} = \frac{\quad}{15} = \frac{\quad}{18}$

d.  $\frac{3}{4} = \frac{6}{8} = \frac{\quad}{12} = \frac{\quad}{16} = \frac{\quad}{20} = \frac{\quad}{24}$

**6. Complete these:**

a.  $S = \{2,4,6\}$   $T = \{6,12,18\}$   $S \cap T = \{ \quad \}$

b.  $G = \{5,10,15,20\}$   $H = \{10,20,30,40,50\}$   $G \cap H = \{ \quad \}$

c.  $H = \{3,6,9,12,15,18\}$   $N = \{4,8,12,16,20\}$   $H \cap N = \{ \quad \}$

**7. Find the cardinal number of the following sets.**

a.  $C = \{ \}$   $n(C) = \quad$

b.  $Z = \{0\}$   $n(Z) = \quad$

c.  $P = \{3,7,11,15\}$   $n(P) = \quad$

d.  $A = \{0,1,2,4\}$   $n(A) = \quad$

**8. True or False**

$A = \{4,8,12,16,20\}$

$B = \{2,4,6,8,10,12,14,16,18,20\}$

$C = \{a,b,c,d,e\}$

a.  $n(A) = n(C)$  \_\_\_\_\_

b.  $n(A) = n(B)$  \_\_\_\_\_

c.  $n(B) - n(C) = n(A)$  \_\_\_\_\_

$n(B) = 2 \times n(C)$  \_\_\_\_\_