NAME: ___________________ Holidays Homework

CLASS: ___________________ 2016-17

Roll No.: ___________________ Class IV (Maths)

Note: Revise all the syllabus done in class so far. Holidays homework has to be done on this sheet only. Submit your work in a file/folder with a cover page. Present your work neatly.

Q1. Use internet to find out the air fares for travelling to, and returning from five different countries. Compare and arrange in increasing order.

<table>
<thead>
<tr>
<th>Country</th>
<th>Fare of Travelling to</th>
<th>Fare of returning from</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Ans. Increasing order - ______________________________________________________________

Q2. Use the digits 1, 2, 3 and 4.

a) What is the greatest product you can make? __________

b) What is the smallest product you can make? __________

<table>
<thead>
<tr>
<th>Greatest product</th>
<th>Smallest product</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Q3. Put the same digit in all the boxes.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Q4. “MOON FACTS”

- The moon goes around earth once in about 28 days.
- People weigh 6 times more on earth than they would on the moon.
- You can jump 6 times higher on the moon than on earth.
- Scientists believe that the moon does not have air and water.

Now fill in the following blanks:

a) A child who weigh 5 Kg on the moon would weigh _______ Kg on earth.

b) A man who weigh 12 Kg on the moon will weigh _______ Kg on earth.

c) It takes the moon _______ days to go around the earth 10 times.

d) An astronaut who drinks 5 cups of water a day need ______ cups of water on a 25- day trip into space.

e) A child who can jump 75 cm on the earth can jump ______ cm on the moon.

f) Javier Sotomayer of Cuba holds a world record for high jump at 245 cm. How high would this be on the moon? ____

g) Find your weight. How much would you weigh on the moon? _______ Kg.
Q5. In the following problems the numbers are hidden. You only need to decide whether to add, subtract, multiply or divide.

a) Sushmita had \( \square \) necklaces. There were \( \square \) beads on each necklace. How many beads in all? \( \square \)

b) Children went on a school trip. \( \square \) Were girls. How many were boys? \( \square \)

c) Ria had \( \square \) toys. Naina had \( \square \) toys. How many more toys did Naina have? \( \square \)

d) Aarti had \( \square \) stamps. She put \( \square \) stamps on each page of her album. How many pages did she need? \( \square \)

e) Ruchi exercised for \( \square \) minutes everyday. How long did she exercise in \( \square \) days? \( \square \)

f) Sumona bought \( \square \) masks each costing \( \square \). How much did she pay? \( \square \)

g) There are \( \square \) lions, \( \square \) cheetahs and \( \square \) tigers in the zoo. How many animals are there from \( \square \) the cat family in the zoo?

Q6. Draw a straight line and 2 curved lines from A to B

\[ \text{A} \quad \text{B} \]

Q7. Draw any closed shape passing through A and B.

\[ \text{A} \quad \text{B} \]

Q8. There are 6 word related to measurement hidden in the word grid below. Find all the following words and encircle them.

<table>
<thead>
<tr>
<th>Centimeter</th>
<th>volume</th>
<th>weight</th>
<th>capacity</th>
<th>kilogram</th>
<th>length</th>
</tr>
</thead>
</table>

\[ \text{V} \quad \text{O} \quad \text{L} \quad \text{U} \quad \text{M} \quad \text{E} \quad \text{P} \quad \text{Q} \quad \text{U} \quad \text{E} \]
\[ \text{K} \quad \text{T} \quad \text{E} \quad \text{I} \quad \text{Z} \quad \text{W} \quad \text{S} \quad \text{V} \quad \text{R} \quad \text{L} \]
\[ \text{I} \quad \text{M} \quad \text{N} \quad \text{Y} \quad \text{T} \quad \text{O} \quad \text{D} \quad \text{T} \quad \text{B} \quad \text{D} \]
\[ \text{L} \quad \text{O} \quad \text{G} \quad \text{C} \quad \text{O} \quad \text{R} \quad \text{E} \quad \text{S} \quad \text{F} \quad \text{E} \]
\[ \text{O} \quad \text{X} \quad \text{T} \quad \text{D} \quad \text{Y} \quad \text{M} \quad \text{E} \quad \text{P} \quad \text{A} \quad \text{W} \]
\[ \text{G} \quad \text{V} \quad \text{H} \quad \text{N} \quad \text{I} \quad \text{A} \quad \text{B} \quad \text{U} \quad \text{Q} \quad \text{E} \]
\[ \text{R} \quad \text{A} \quad \text{F} \quad \text{T} \quad \text{G} \quad \text{S} \quad \text{C} \quad \text{K} \quad \text{M} \quad \text{I} \]
\[ \text{A} \quad \text{B} \quad \text{N} \quad \text{E} \quad \text{X} \quad \text{S} \quad \text{V} \quad \text{J} \quad \text{S} \quad \text{G} \]
\[ \text{M} \quad \text{E} \quad \text{S} \quad \text{F} \quad \text{Z} \quad \text{N} \quad \text{L} \quad \text{M} \quad \text{B} \quad \text{H} \]
\[ \text{C} \quad \text{A} \quad \text{P} \quad \text{A} \quad \text{C} \quad \text{I} \quad \text{T} \quad \text{Y} \quad \text{X} \quad \text{T} \]

Q9. These circles have 9 equally spaced dots. Each one shows a division sum

\[ 9 \div 2 = Q \quad R \quad 1 \]
\[ 9 \div 3 = Q \quad R \quad 0 \]
\[ 9 \div 4 = Q \quad R \quad 1 \]
The number of lines gives us the quotient and the gaps (if any) without joining lines show us the remainder.

Draw the lines to solve.

12 ÷ 4

\[ \text{Q} = \_ \_ \_ \quad \text{R} = \_ \_ \_ \]

12 ÷ 5

\[ \text{Q} = \_ \_ \_ \quad \text{R} = \_ \_ \_ \]

12 ÷ 2

\[ \text{Q} = \_ \_ \_ \quad \text{R} = \_ \_ \_ \]

18 ÷ 3

\[ \text{Q} = \_ \_ \_ \quad \text{R} = \_ \_ \_ \]

18 ÷ 5

\[ \text{Q} = \_ \_ \_ \quad \text{R} = \_ \_ \_ \]

18 ÷ 6

\[ \text{Q} = \_ \_ \_ \quad \text{R} = \_ \_ \_ \]

Q10. Use your fraction skills, solve this crossword.

**ACROSS:**
1. One-third of 45
2. Half of 50
4. One-tenth of 350
5. One half of 42
8. One-third of 36
10. One fourth of 80
12. One-third of 96
13. One-fourth of 200
16. One-third of 72

**DOWN:**
1. One-third of 45
2. One-tenth of 240
3. One-fifth of 125
6. One-sixth of 108
7. One-sixth of 126
9. Quarter of 80
10. One-eighth of 216
11. One-tenth of 100
12. One-fifth of 150
14. One-third of 45
15. One-seventh of 280
17. Half of 24
PROJECTWORK:

For roll No. 1 to 10: Draw a 10 x 10 square grid with numbers 1 – 100. Now colour all the multiples of 2 in red colour, multiples of 3 in blue colour and multiples of 5 in green colour and observe the pattern made by colouring all the multiples below 100.

- Present your work on an A-4 sized coloured sheet in a folder.

For roll No. 11 to 20: Check the manufacturing date and expiry date, best before dates of eatables like bread, butter, jam, biscuits etc. Then find how long each one of them are good to eat. Will it be safe to eat these articles after their expiry dates? (Mention at least 10 items)

- Present your work A-4 sized coloured sheets in a folder.

For roll No. 21 to 30: 1) Take a newspaper and cut out the weather reports for seven consecutive days for your city.

2) Paste them on a sheet of paper, and record your observations in a table as the one below.

<table>
<thead>
<tr>
<th>Weather Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day</td>
</tr>
<tr>
<td>Day 1</td>
</tr>
<tr>
<td>Day 2</td>
</tr>
</tbody>
</table>

- Present your work on an A-4 sized coloured sheet in a folder.

For roll No. 31 to 40: Make a collection of facts and figures of objects around you which involve capacity. You may give broad estimates.

Eg. 1. Capacities of overhead tanks are available. Various vessels in household. Why the biggest one is in bathroom?

2. Consumption mentioned on your water bill.

3. Mention of capacity in news.

- Present your work on one fourth pastel sheet in the form of a collage.

For roll No. 40 onwards: Create a model of a house using different solid shapes.

For Whole class: 1. Discover the patterns around you. Eg. In the table of 9. Also make a verbal & visual presentation on it.

OR

2. Discover and make a verbal & visual presentation on about denominations and currencies of different countries.