

## MATHEMATICS

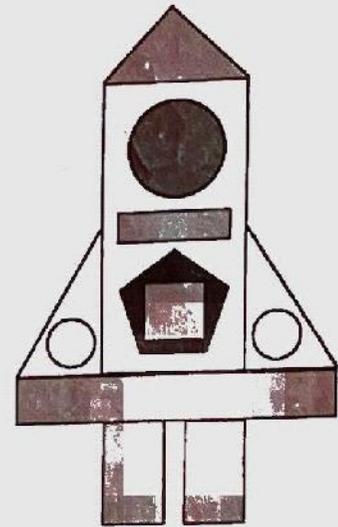
Class: 5

Time: 2 hours

- 15 minutes is given as cool-off time.
- Read the questions carefully during this time.
- Attempt ANY FIVE activities from Activity 1 to Activity 7.

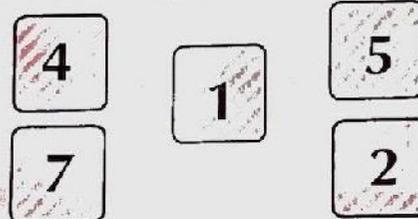
## Activity 1 - Identify Shapes

- What are the geometrical shapes in the figure?
- Write the number of each geometrical shape.
- Write the properties of the geometrical shape which is more in number.



## Activity 2 - Find the Numbers

Anu and her friends are making numbers using the number cards given below.



- Peculiarities of the numbers made by them are given below. Find the numbers.

Sl.No.	Name	Peculiarities of the number	Number
1	Anu	The largest five digit number without repeating digits.	
2	Baby	The smallest five digit number without repeating digits.	
3	Suhail	An even number between 41000 and 42000	
4	Mini	A four digit even number between 4000 and 5000 and sum of the digits is 12.	

- Include the digit '0' to the number cards and write the smallest six digit number.

### Activity 3 - Census

Districts	Total population
Kasaragod	1307375
Malappuram	4112920
Wayanad	817420
Ernakulam	3282388
Alappuzha	2127789
Thiruvananthapuram	3301427

Population of some districts in Kerala based on 2011 census is given in the table. Examine the table and answer the following questions.

- Which district has the least population in the table?
- Which districts have population between 30 lakh and 35 lakh?
- What is the total population of Wayanad and Kasaragod? Which district comes closest to this answer?
- Based on the table, make a question to ask to your friend.

### Activity 4 - Total Amount Spent

It is decided to give prizes to the winners of various competitions related to school Anniversary. 88 pens of Rs.12 each and 112 notebooks of same price were purchased. Find the total amount spent.

### Activity 5 - Find Relation

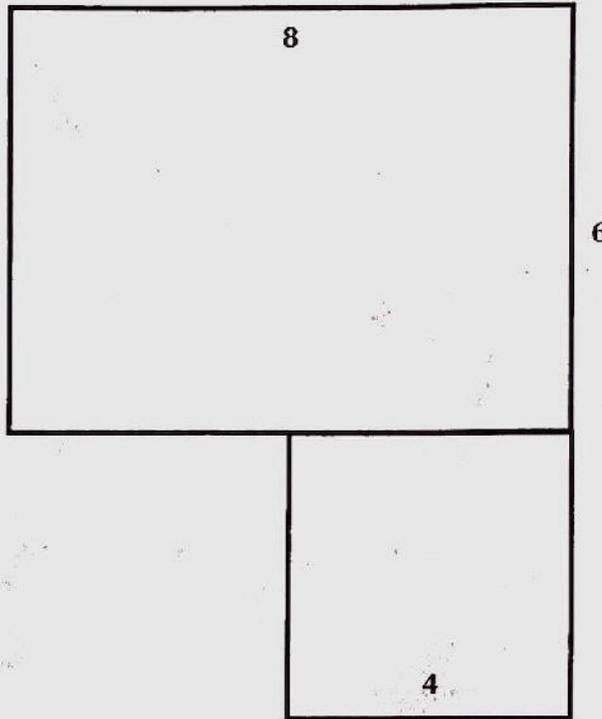
- Match the following columns.

Column 1	Column 2
$9 \div 3$ 3	<del>2</del> $20 \div 10$
$10 \div 5$ 2	<del>4</del> $16 \div 4$
$15 \div 3$ 4	<del>3</del> $18 \div 6$
$8 \div 2$ 2	<del>3</del> $30 \div 6$

- Write another division operation to get the same answer of  $16 \div 4$ .

### Activity 6 - Let's Draw a Rectangle

- A) Draw a rectangle with length 8 centimetres and breadth 6 centimetres.
- B) Draw a square with sides 4 centimetres close to the rectangle as shown below.



### Activity 7 - Let's Share

- A) Sani has 248 rupees with her. The cost of a pen is Rs.12. How many pens can she buy for the money?
- B) How much money is needed to buy one more pen?
- C) The largest three digit number which is divisible by 18 is 990. If so, what is the smallest four digit number divisible by 18?