ATOMIC ENERGY CENTRAL SCHOOL, MYSORE

CLASS 5 – Mathematics

Worksheet – April 2025

Name - _____ Class/Section: _____

1) ***Draw the place value chart in the Indian number system and write the following numbers in it. Rewrite the numbers using commas and write the numbers in words below the chart.***
   a) 40567899
   b) 320076195
   c) 500400
   d) 8600335
2) ***Draw the place value chart in the International number system and write the following numbers in it. Rewrite the numbers using commas and write the numbers in words below the chart.***
   a) 6042472
   b) 8595911
   c) 23735090
   d) 85004893

3) ***Fill in the blanks:***

   i) 12300 + _____ + 70 + 2 = 13072

   ii) _____ + 9000 + _____ + 6 = 19206

   iii) 50000 + _____ + 300 + 8 = 50308

   iv) 67890 = _____ + _____ + _____ + _____ + _____

   v) 1500 + _____ + 20 + 5 = 2025

   vi) _____ + 700 + 30 + 9 = 1739

   vii) 3800 + 60 + _____ = 4000

   viii) 45923 = _____ + _____ + _____ + _____ + _____

4) Use the digits 2, 3, 4 and 9 and follow the instructions.

a) Form 6 four-digit numbers without repeating any digit.

b) Arrange the above numbers in descending order.

c) Write all the six numbers in words.

d) Add up any three of the numbers and write the answer.

e) Add the remaining three numbers and write the answer.

f) Write the difference of the numbers you got as answers in questions 'd' and 'e'.

5) Identify the given problems as Combine, Compare, or Change problems. Draw box diagrams for each of the problems and find the solution.

a) A library received 1,345 new books in January and 2,758 in February. How many books did the library receive in total?

b) A town has 3,260 residents, while a nearby city has 4,985 residents. How many more residents does the city have than the town?

c) A car factory produced 12,350 cars in the first half of the year and 14,275 in the second half. How many cars were produced in the entire year?

d) A school had some students. 1,120 new students joined in the new academic year, and now the total number of students is 3,400. How many students were there before?

e) A zoo had 18,645 visitors last month. This month, it had 25,000 visitors. How many more visitors came this month than last month?

6) ***Write your own word problem for each type.***

a) 34 + 52 = ____ → *Combine Problem*

b) 18 + ____ = 35 → *Compare Problem*

c) ____ + 12 = 45 → *Change Problem*

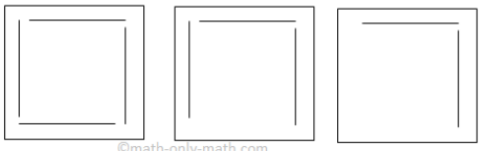
d) 42 + ____ = 68 → *Compare Problem*

e) 28 + 19 = ____ → *Combine Problem*

f) 35 + ____ = 60 → *Change Problem*

7) Make five story problems. Each problem should include a short story that includes at least one problem from each category (Combine, Compare, and Change). Underline the problem in your story and mark it as Combine, Compare, and Change.

8) Look at the pattern and draw what comes next.

(i) 

(ii) 

(iii) 

(iv) 

(vi) 

9) Look at the pattern and write what comes next.

(i) 5, 20, 10, 30, 15, 40, ……., ……., …….

(ii) 1, 3, 5, 7, 11, ……., ……., …….

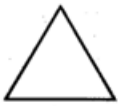
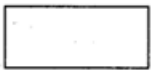
(iii) 5, 8, 11, 14, 17, ……, ……, …….

(iv) 6, 95, 7, 90, 8, 85, ……, ……, …….

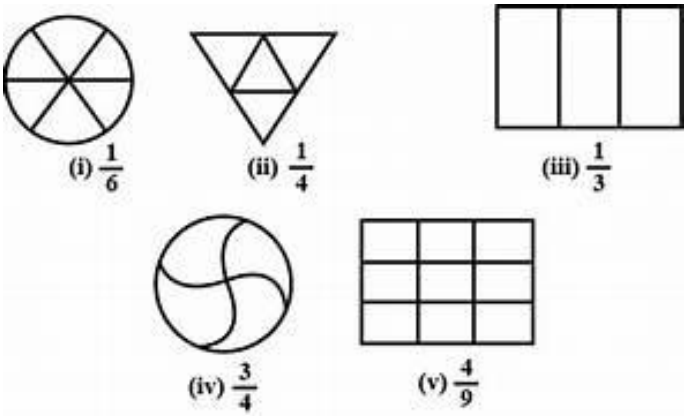
(v) 1, 5, 25, 125, ……, ……, …….

(vi) 800, 400, 200, 100, ……, ……, …….

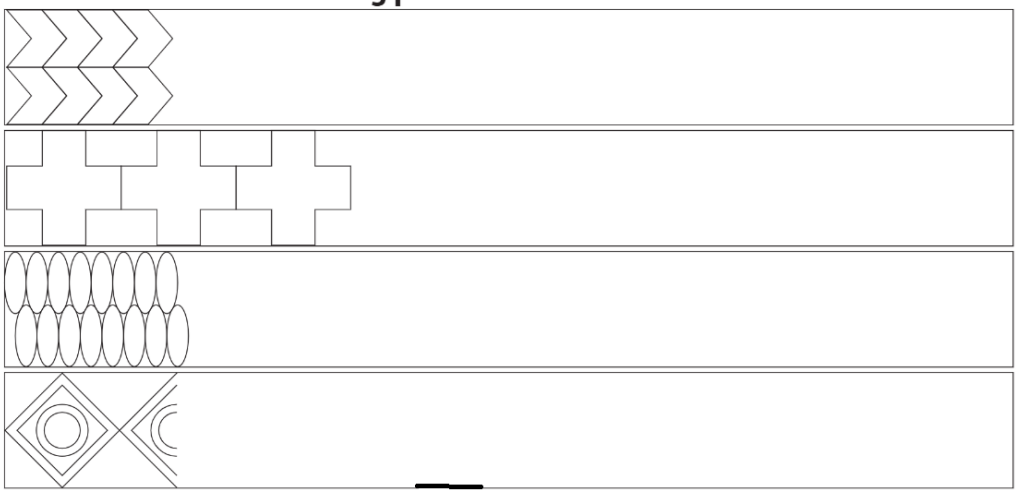
10)Draw how the following shapes look on ¼ and ½ turn.

	Given shapes	*On 1/4 turn*	*On 1/2 turn*
(a)			
(b)			
(c)			
(d)			

11) Shade the correct portion as indicated.



Continue the following patterns :



13)Solve the Magic squares.

Magic Sum = 15

8	1	
3		7
	9	

use numbers from 1-9

Magic Sum = 18

	2	7
4	6	
		3

use numbers from 2-10

Magic Sum = 30

13	6	
	10	12
		7

use numbers from 6-14

Magic Sum = 24

11		9
	8	
7	12	

use numbers from 4-12

14) Find he product using Napier's strips.

a. 902 x 7 b. 58 x 9 c. 1473 x 8

15) Project:

Make this "Fraction wheel" to show 1/8, 2/8, 3/8 and so on...

Link: https://youtu.be/0Se8mqIBmbc?si=EESYupZYsDUmaV8u