

**FORMATIVE ASSESSMENT – SECOND MID TERM****MATHEMATICS****Max. Marks: 50****Std - IV****Time: 2 Hrs**

<b>Name of the School:</b> _____	<b>Name of the Student:</b> _____
<b>Place:</b> _____	<b>Roll No.:</b> _____

**I. Choose the best answer:****5 x 1 = 5**

- 1) \_\_\_\_\_  $\times 5 = 35$ 
  - a) 6
  - b) 7
  - c) 4
- 2) The product of 36 and 100 is \_\_\_\_\_
  - a) 360
  - b) 3600
  - c) 35000
- 3)  $7 \times 5 \times 0 \times 1 =$  \_\_\_\_\_
  - a) 35
  - b) 0
  - c) 751
- 4) In 5 times table you just add a \_\_\_\_\_ to find the next number.
  - a) 0
  - b) 5
  - c) 10
- 5) The square of 10 is \_\_\_\_\_
  - a) 1000
  - b) 10
  - c) 100

**II. Match the following:****5 x 1 = 5**

- 1)  $3 \times 8$  -  $11 + 11 + 11$
- 2)  $3 \times 11$  - 7500
- 3)  $13 \times 4$  -  $8 \times 3$
- 4)  $24 \times 100$  - 52
- 5)  $100 \times 75$  - 2400

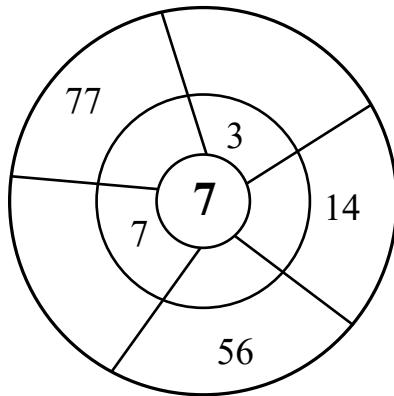
**III. Do as directed:****5 x 3 = 15**

- 1) If there are 24 hours in a day, how many hours are there in a week?
- 2) Multiply:  $82 \times 16$
- 3) Ram has 205 toy cars. How many wheels are there altogether?
- 4) Find the product:  $345 \times 7$
- 5) Complete the patterns:
  - a) 13, 26, 39, \_\_\_\_\_
  - b)  $\Delta \bigcirc$ ,  $\Delta \Delta \bigcirc$ ,  $\Delta \Delta \Delta \bigcirc$ , \_\_\_\_\_
  - c) 141, 151, 161, 171, \_\_\_\_\_

**IV. Do as directed: (any 3)**

$3 \times 5 = 15$

- 1) Construct a magic square with the magic number 15  
[Hint: use numbers 1 to 9]
- 2) Use lattice algorithm to find the product:  $32 \times 15$ .
- 3) Fill the wheels with the correct products:



- 4) Find Rotational Symmetry (or) Reflection Symmetry for the following:

Rotational Symmetry	Reflection Symmetry																		
<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>16</td><td>6</td><td>8</td></tr> <tr><td>2</td><td>10</td><td>18</td></tr> <tr><td>12</td><td>14</td><td>4</td></tr> </table>	16	6	8	2	10	18	12	14	4	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>									
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On rotating to $90^\circ$ clockwise: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>										<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>16</td><td>2</td><td>12</td></tr> <tr><td>6</td><td>10</td><td>14</td></tr> <tr><td>8</td><td>18</td><td>4</td></tr> </table>	16	2	12	6	10	14	8	18	4
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6	10	14																	
8	18	4																	

**V. Fill in the multiplication grid:**

$10 \times \frac{1}{2} = 5$

$\times$	5	7	11	2	4
3		21	33		12
9	45			18	36
0	0		0	0	
6		42		12	24
1	5		11		4

**VI. Write any 3 square numbers:**

$3 \times 1 = 3$

**VII. Do as directed:**

$1 \times 2 = 2$

A typical tray of eggs is shown. How many eggs will be there in 200 such trays?

