

FORMATIVE ASSESSMENT – SECOND MID TERM

MATHEMATICS

Max. Marks: 50

Std - IV

Time: 2 Hrs

| | |
|---------------------|----------------------|
| Name of the School: | Name of the Student: |
| Place: | Roll No.: |

I. Choose the best answer:

5 x 1 = 5

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

III. Do as directed:

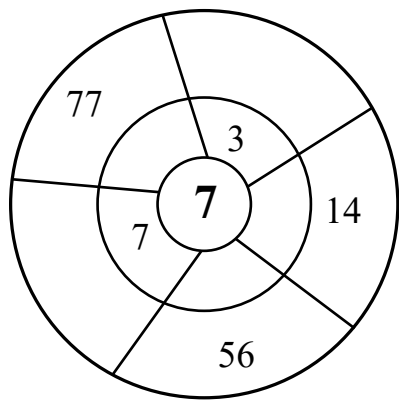
5 x 3 = 15

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

IV. Do as directed: (any 3)

3 x 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 x 15.
- 3) Fill the wheels with the correct products:



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

| Rotational Symmetry | Reflection Symmetry | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------|----|---|---|----|----|----|----|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|---|----|---|----|----|---|----|---|
| <table><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> <p>On rotating to 90° clockwise:</p> <table><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> | 16 | 6 | 8 | 2 | 10 | 18 | 12 | 14 | 4 | | | | | | | | | | <table><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><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 |
| 16 | 6 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 10 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 14 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 16 | 2 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 10 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 18 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

V. Fill in the multiplication grid:

10 x ½ = 5

| | | | | | |
|---|----|----|----|----|----|
| × | 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 x 1 = 3

VII. Do as directed:

1 x 2 = 2

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

