Knowledge

VSA (5 x 1)

1. The shaded portion is ___________ \( \left( \frac{1}{4}, \frac{1}{2} \right) \)

2. 1 litre = ________ ml.

3. Which circle has longer radius, mark ( √ )

   \[ \bigcirc \quad \bigcirc \]

4. Five currency notes of Rs. 20 is equal to one _______ rupee note.

5. \( 1400 \div 100 = \) ________.
SA (5 x 2)

1. The cost of one pen is Rs. 15. What will be the cost of 10 such pens?

2. Complete the patterns.
   i. ABC, DEF, GHI, ________.
   ii. 100Z, 99Y, 98X, ________.

3. Do as directed.
   i. 3+3+3 can be written as ____×____.
   ii. 7 × 2 can be written as _____+____.

4. Draw a circle of radius 3cm and mark its centre.

5. Rahim has three pieces of stone to weigh firewood. Help him to weigh 3kg of firewood.

   ![Diagram of weighing stones to measure 3kg of firewood]
Understanding

VSA (5 x 1)

1. Write the fraction.
   Six-tenths = _______

2. Fences tell us about ______________ (side / Boundary)
3. Division is repeated ______________ (Subtraction / Addition)

4. ___________ is the distance around the circle. (Chord / Circumference)

5. Complete the given pattern.
   □ □ △ □ ___ △

SA (3 x 2)

1. 5 buses can carry 125 children. How many children can one bus carry?

2. Fill in the column.

<table>
<thead>
<tr>
<th>Item</th>
<th>Weight</th>
<th>Kg / g</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rice</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Sugar</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Pepper</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Dal</td>
<td>500</td>
<td></td>
</tr>
</tbody>
</table>

3. Zakir, Appu and Chunnu are excited to spin their tops which looked like this:
Zakir                  Appu                  Chunnu

i. Whose top will spin the best?
   ____________________________________________.

ii. Whose top will not spin at all?
    ____________________________________________.

iii. In whose top is the stick nearest to the centre?
     ____________________________________________.

LA (1 x 4)

1. The cost of one kg apples is Rs 40. Find the cost of:

   i. 500 g apples
   ii. 2 kg apples
   iii. 4 kg apples
   iv. 100 g apples

Ability to compute

VSA (3 x 1)

1. Circle the numbers that are divisible by 8.
   34 32 19 40

2. Half of 46 is ________.

3. Complete
   $6 \times 7 = ________.$

SA (4 x 2)

1. Complete the number tower.

   __________
   __________
   __________
   2  4  7 10
2. Solve.
   \[216 \div 4\]

3. Fill in the column.

<table>
<thead>
<tr>
<th>Radius</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 cm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 cm</td>
</tr>
</tbody>
</table>

4. Complete the following.
   8 legs mean 2 cats
   i. 16 legs mean_______ cats
   ii. 20 legs mean_______ cats

**LA (1 x 4)**

1. Rajeev wants change for Rs.1000.
   How many notes will he get if he wants in rupees?
   i) All 500 rupee notes = ________________.
   ii) All 100 rupee notes = ________________.
   iii) All 50 rupee notes = ________________.
   iv) All 10 rupee notes = ________________.
Problem solving ability

VSA (3 x 1)

1. \( \frac{1}{4} \) metre = ______ cm.

2. How many squares can be filled in the given rectangle?

![Rectangle Diagram]

3. We can use a ______________ to measure the length of the boundary of irregular shape.

SA (4 x 2)

1. Find the boundary of the following figure:

![Boundary Diagram]

Boundary ____________________.

2. Follow data is collected from 20 students.

<table>
<thead>
<tr>
<th>Programme</th>
<th>No. of children liking it</th>
<th>No. of children disliking it</th>
</tr>
</thead>
<tbody>
<tr>
<td>News</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>Serials</td>
<td>11</td>
<td>9</td>
</tr>
<tr>
<td>Comedy Shows</td>
<td>19</td>
<td>1</td>
</tr>
</tbody>
</table>

i. Which kind of programme is liked by most of the children?

____________________

ii. How many children dislike serials?

____________________
3. 72 kg wheat, 94 kg rice and 41 kg sugar is loaded on the cart. What is the total weight of items loaded on the cart?

4. Neetu has to take 3 injection in a day. How many injections she will take in 6 days?

```
LA (1 x 4)

= 3 children

<table>
<thead>
<tr>
<th>Acting</th>
<th>Collecting</th>
<th>Playing</th>
<th>Making the Sets</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

i. How many children are acting in drama?
   ____________________________________________.

ii. What is being done by the most children?
    ____________________________________________.

iii. How many children are collecting dresses?
     ____________________________________________.

iv. Which are more – Children making the sets or those acting?
    ____________________________________________.