Name ________________________________
**TIPS FOR TAKING THE TEST**

Here are some suggestions to help you do your best:

- Be sure to read carefully all the directions in the test book.
- Read each question carefully and think about the answer before writing your response.
- Be sure to show your work when asked. You may receive partial credit if you have shown your work.

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This picture means that you will use your ruler.
A store has 50 shirts like the one shown below.

There are 7 buttons on each shirt. What is the total number of buttons on all 50 shirts?

*Show your work.*

*Answer* ______________ buttons
Mr. Lester reads aloud the math problem below.

Two times four times six equals what number?

**Part A**

Julian wrote Mr. Lester’s problem this way.

\[(2 \times 4) \times 6 = ?\]

Fill in both blanks in Julian’s number sentence below to show the next step in solving the math problem.

\[(2 \times 4) \times 6 = ?\]

\[\underline{\hspace{1cm}} \times 6 = \underline{\hspace{1cm}}\]

**Part B**

Kiana wrote Mr. Lester’s problem this way.

\[2 \times (4 \times 6) = ?\]

Fill in both blanks in Kiana’s number sentence below to show the next step in solving the math problem.

\[2 \times (4 \times 6) = ?\]

\[2 \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}\]
Eric draws a polygon on grid paper. The figure below shows the first 4 sides of Eric’s polygon.

Part A

Complete Eric’s polygon by drawing 2 more line segments on the grid above.

Part B

What is the name of the completed polygon?

Answer ____________________________
Mr. Perez is going to buy food for a school party. He needs to buy 64 juice boxes. The juice is sold in packages of 4 juice boxes each. Mr. Perez uses the number sentence below to find the number of packages he should buy.

\[ 64 \div 4 = \square \]

**Part A**

What number belongs in the box to make the number sentence correct?

*Answer* ____________

**Part B**

Mr. Perez will also buy 10 packages of cookies. Each package has 12 cookies. Write a number sentence that finds the total number of cookies Mr. Perez will buy. Use the numbers 10 and 12 in your number sentence.

*Number sentence* ________________________________
44 Juanita is buying a bookcase for her room. She measures the width of the bookcase. It is 2 feet 10 inches wide. How wide, in inches, is the bookcase?

*Show your work.*

*Answer* ______________ inches

45 Jane, Mark, and Veronica play a number guessing game.

Jane’s number is 1,200 more than Mark’s number.
Mark’s number is 3,000 less than Veronica’s number.
Veronica’s number is 4,500.

What is Jane’s number?

*Show your work.*

*Answer* _____________
Tony bought art supplies that cost $19.31. He gave $20.00 to the cashier.

**Part A**

How much money did Tony receive in change?

*Answer* $ ____________

**Part B**

Complete the table below to show the number of each type of coin Tony would receive in change if he received the **fewest** number of coins possible.

<table>
<thead>
<tr>
<th>TONY’S CHANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type of Coin</strong></td>
</tr>
<tr>
<td>Penny</td>
</tr>
<tr>
<td>Nickel</td>
</tr>
<tr>
<td>Dime</td>
</tr>
<tr>
<td>Quarter</td>
</tr>
</tbody>
</table>
Mr. Muli grows lettuce and carrots in his garden.

**Part A**

Mr. Muli has 9 rows of lettuce in his garden. Each row has 12 lettuce plants. What is the total number of lettuce plants in Mr. Muli's garden?

*Answer* ______________ lettuce plants

**Part B**

Mr. Muli plants a total of 42 carrots in 3 rows of his garden. He plants an equal number of carrots in each row. How many carrots does Mr. Muli plant in each row?

*Show your work.*

*Answer* ______________ carrots
The students in Mr. Martin’s class voted on topics for their class mural. The results are shown in the table below.

**CLASS MURAL TOPICS**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Number of Votes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pets</td>
<td>8</td>
</tr>
<tr>
<td>Maps</td>
<td>5</td>
</tr>
<tr>
<td>Sports</td>
<td>7</td>
</tr>
<tr>
<td>Books</td>
<td>3</td>
</tr>
</tbody>
</table>
On the grid below, make a bar graph to show how many students voted for each topic.

Be sure to

- title the graph
- label both axes
- provide a scale for the graph
- graph all the data