Answer questions 1 through 4 on page 2.

1. The picture below shows the shape of a garden.

   ![Garden Diagram](image)

   Key
   
   🟢 represents 1 square foot

   What is the area of the garden?
   A. 24 square feet
   B. 28 square feet
   C. 32 square feet
   D. 36 square feet

2. Part of a number line is shown below.

   ![Number Line](image)

   Which list has the fractions in order from least to greatest?
   A. \( \frac{3}{8}, \frac{1}{2}, \frac{3}{4}, \frac{7}{8} \)
   B. \( \frac{3}{8}, \frac{7}{8}, \frac{1}{2}, \frac{3}{4} \)
   C. \( \frac{1}{2}, \frac{3}{8}, \frac{3}{4}, \frac{7}{8} \)
   D. \( \frac{1}{2}, \frac{3}{4}, \frac{3}{8}, \frac{7}{8} \)
Mary has these two spinners.

She spins each arrow once and writes down the sum of the two numbers. How many different sums are possible?

A. 2
B. 3
C. 4
D. 5

The △ and □ are different numbers that make this sentence true.

\[△ \times 8 = □\]

Which other number sentence must be true?

A. □ ÷ 8 = △
B. 8 ÷ □ = △
C. △ ÷ □ = 8
D. 8 ÷ △ = □
Answer question 5 on page 2.

5 Draw a rectangle in your Student Answer Booklet. On your drawing use a dotted line to show where to divide the rectangle into one triangle and one trapezoid.

Answer question 6 on page 2.

6 Nathan, Alicia, and Taylor each ride to school on a bike.
   • Nathan rides his bike \( m \) miles.
   • Alicia rides her bike 3 times as many miles as Nathan does.
   • Taylor rides his bike 4 more miles than Nathan does.
   a. Use \( m \) to write an expression for the number of miles Alicia rides her bike.
   b. Use \( m \) to write an expression for the number of miles Taylor rides his bike.

Answer question 7 on page 2.

7 Look at this number sentence.

\[ 747 = 22 \text{ tens} + \Box \text{ hundreds} + \Delta \text{ ones}. \]

Find one number for \( \Box \) and one number for \( \Delta \) that make the number sentence true. Show your work or explain how you know.
The pictograph below shows the ages of the campers at Camp Fairweather.

### Ages of the Campers

<table>
<thead>
<tr>
<th>Age</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 years</td>
<td>☺️ ☺️</td>
</tr>
<tr>
<td>9 years</td>
<td>☺️ ☺️ ☺️</td>
</tr>
<tr>
<td>10 years</td>
<td>☺️ ☺️ ☺️ ☺️</td>
</tr>
<tr>
<td>11 years</td>
<td>☺️ ☺️ ☺️ ☺️ ☺️</td>
</tr>
</tbody>
</table>

Key:
- ☺️ represents 6 campers

What is the total number of campers?
A. 54
B. 60
C. 63
D. 72

Which expression is equivalent to 12,000?
A. 10 thousands + 12 hundreds
B. 11 thousands + 10 hundreds
C. 1 thousand + 1 hundred + 10 tens
D. 1 thousand + 10 hundreds + 10 tens
The chart below shows the amount of money Meg will collect in a walkathon based on the number of miles she walks.

<table>
<thead>
<tr>
<th>Miles</th>
<th>Money Collected</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>$26</td>
</tr>
<tr>
<td>4</td>
<td>$34</td>
</tr>
<tr>
<td>6</td>
<td>$42</td>
</tr>
<tr>
<td>8</td>
<td>$50</td>
</tr>
<tr>
<td>10</td>
<td>$58</td>
</tr>
</tbody>
</table>

The pattern in the chart continues. Meg collected $74 in the walkathon. How many miles did Meg walk?
A. 12  
B. 14  
C. 16  
D. 18

In the map below, Maple Street and Oak Street are parallel.

What is the shape of Forest Park?
A. a square  
B. a rectangle  
C. a rhombus  
D. a trapezoid
A baker cut a stick of butter in half. Then he cut one of the halves into 4 equal slices, as shown below.

What fraction of the stick of butter is one slice?
Mr. Grimaldi asked his class to identify a mystery shape from these shapes. He gave the class these two clues.

Clue 1: The mystery shape has fewer than 5 sides.
Clue 2: The mystery shape does **not** have any 90° angles.

a. Using the clues, the class determined that the mystery shape is one of two shapes. What are those two shapes?

b. Pick one shape you identified in part a. What additional clue could Mr. Grimaldi give as Clue 3 that would identify only that shape as the mystery shape? Explain your reasoning.

Later, Mr. Grimaldi added this shape to the 6 shapes above.

c. Write one or more clues that could identify this new shape as the only mystery shape.