Lesson Check (CC.6.SP.4)

1. The histogram shows the amount, to the nearest dollar, that customers spent at a museum gift shop. How many customers spent less than $20?
   - A 6
   - B 8
   - C 13
   - D 14

2. Use the histogram in Problem 1. How many customers bought something at the gift shop?
   - A 8
   - B 9
   - C 27
   - D 49


3. Marguerite drew a rectangle with vertices \(A(-2, -1), B(-2, -4),\) and \(C(1, -4)\). What are the coordinates of the fourth vertex? (Lesson 10.9)
   - A \((1, -1)\)
   - B \((-1, 1)\)
   - C \((2, -1)\)
   - D \((2, -4)\)

4. A rectangular swimming pool can hold 1,408 cubic feet of water. The pool is 22 feet long and has a depth of 4 feet. What is the width of the pool? (Lesson 11.6)
   - A 16 feet
   - B 64 feet
   - C 88 feet
   - D 352 feet

5. DeShawn is using this frequency table to make a relative frequency table. What percent should he write in the Relative Frequency column for 5 to 9 push-ups? (Lesson 12.3)
   - A 7%
   - B 35%
   - C 65%
   - D 70%

<table>
<thead>
<tr>
<th>Number of Push-Ups</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-4</td>
<td>3</td>
</tr>
<tr>
<td>5-9</td>
<td>7</td>
</tr>
<tr>
<td>10-14</td>
<td>8</td>
</tr>
<tr>
<td>15-19</td>
<td>2</td>
</tr>
</tbody>
</table>

DeShawn’s Daily Push-Ups

\[
\begin{align*}
\text{Volume} &= 1408 \\
\text{Length} &= 22 \\
\text{Depth} &= 4 \\
\text{Width} &= \frac{1408}{88} \\
\end{align*}
\]

\[
V = \text{lw}h
\]