What Happened to the Cat Who Swallowed a Ball of Yarn?

Cross out the box containing each correct answer. When you finish, write the letters from the remaining boxes in the spaces at the bottom of the page.

1. Find the median for each set of data.
   - A. 49, 32, 67, 55, 58
   - B. 3.1, 5.2, 4.4, 5.0, 3.8, 2.6, 4.7
   - C. 29, 12, 30, 22, 7, 23, 36, 15, 18, 9
   - D. 81.6, 83.7, 78.5, 82.8, 81.2, 76.3, 83.5, 78.9

2. The weekly salaries for 5 people who work at a Las Vegas hotel are given in the table.
   - A. What is the mean salary?
   - B. What is the median salary?

3. Find the mode (or modes) for each set of data.
   - A. Suit Sizes
     - 36, 39, 40
     - 37, 39, 41
     - 37, 39, 41
     - 38, 40, 41
     - 38, 40, 42
     - 38, 40, 44
     - 39, 40, 44
   - B. Times in 50-m Dash (s)
     - 5.7, 6.3, 6.7, 6.9
     - 5.9, 6.3, 6.7, 7.0
     - 6.0, 6.4, 6.8, 7.2
     - 6.0, 6.5, 6.9, 7.3
     - 6.2, 6.5, 6.9, 7.3
     - 6.3, 6.7, 6.9, 7.5
   - C. Runs Scored
     - 3, 7, 2, 8, 4
     - 1, 4, 0, 5, 7
     - 2, 2, 4, 1, 5
     - 7, 1, 5, 6, 7
     - 0, 5, 3, 2, 2
     - 6, 4, 9, 5, 9

4. The table gives typing speeds for 12 students in words per minute (wpm). Find the following for this set of data.
   - A. The range
   - B. The mean
   - C. The median
   - D. The mode (or modes)

<table>
<thead>
<tr>
<th>Name</th>
<th>Speed (wpm)</th>
<th>Name</th>
<th>Speed (wpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danny</td>
<td>31</td>
<td>Allison</td>
<td>30</td>
</tr>
<tr>
<td>Celeste</td>
<td>27</td>
<td>Ramon</td>
<td>24</td>
</tr>
<tr>
<td>Michael</td>
<td>15</td>
<td>George</td>
<td>18</td>
</tr>
<tr>
<td>Kalon</td>
<td>31</td>
<td>Jackie</td>
<td>35</td>
</tr>
<tr>
<td>Matt</td>
<td>24</td>
<td>Kim</td>
<td>28</td>
</tr>
<tr>
<td>Rachel</td>
<td>13</td>
<td>Robert</td>
<td>24</td>
</tr>
</tbody>
</table>

Price of Zark VII game at various software stores

<table>
<thead>
<tr>
<th>Price</th>
<th>Store 1</th>
<th>Store 2</th>
<th>Store 3</th>
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</thead>
<tbody>
<tr>
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<td>$42.50</td>
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<td>43.40</td>
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<td>45.30</td>
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</tr>
</tbody>
</table>

Star of stage show $45,000
Hotel manager 2,000
Chief chef 1,500
Publicity director 1,100
Lifeguard 400

MIDDLE SCHOOL MATH WITH PIZAZZ! BOOK E
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TOPIC 3-b: Median and Mode