Art Day!
You are helping your 4th grade class organize an Art Day.
There will be three stations:
• Painting
• Pottery
• Chalk Art
You have two tasks. You will help create the supply list and the schedule for Art Day.

Task 1: Supply List
You need to make sure there are enough supplies at each station for everyone to participate. You will use the following information to create a list of art supplies for your class.
• There are 24 students in your class.
• Each student needs –
  – 2 paint brushes for the Painting Station.
  – 3 pounds of clay for the Pottery Station.
  – 5 pieces of chalk for the Chalk Art Station.

Task 2: Schedule
You also need to help plan the schedule for Art Day using the following information.
• The day starts at 9:00 a.m. and ends at 2:00 p.m.
• Your entire class will rotate through the three stations together.
• The Break has to be at least 10 minutes.
• The Break and Lunch together total 1 hour.
• The three stations (Painting, Pottery, and Chalk Art) do not need to be the same amount of time, but each one has to be 30 minutes or longer.

According to the supply list, how many paint brushes are needed for 24 students?
## Scoring Guide

<table>
<thead>
<tr>
<th>SCORE</th>
<th>1 POINT</th>
<th>0 POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student writes value correctly: 48</td>
<td>All other responses</td>
<td></td>
</tr>
</tbody>
</table>

## Sample Responses

**Student Sample A**

- **1 POINT**: 48
  - The response reflects an accurate calculation of the total number of paint brushes needed.

**Student Sample B**

- **0 POINTS**: 24
  - The student responded that 24 paint brushes are needed. The student likely did not take into account the part of the directions that stated each student would need 2 paint brushes. The student either did not refer back to the directions, or did not understand what the question was asking.

**Sample Response C**

- **0 POINTS**: 12
  - The student indicated that 12 paint brushes were required. The student may have divided the total number of students by 2.