2020 MS Math Design a Room Project

My Awesome Room
By Daniel
My Room Dimensions

- My room is a 34x26x9 in area.
- The area of my room if multiplied accounts to a huge 884 square feet.
- This is a lot of room to fit many cool things.
Wall Color

• The wall color of my room will be antique white paint. This is like at a castle.

• The cost is $29 of paint per gallon.

Here's the calculation.

\[
\begin{align*}
9 \times 34 &= 306 \\
9 \times 26 &= 234 \\
9 \times 34 &= 306 \\
9 \times 26 &= 234
\end{align*}
\]

\[306 \times 2 = 612 \quad 234 \times 2 = 468\]

Added all together makes 1080 square ft.

• The 3 gallons of paint is $87.
Flooring

• For flooring I am going to use glazed ceramic floor tile. It covers 20.37 square feet. It cost $9.98 to cover 20.37 square feet.

• Since my room is 884 square feet I need more than one to cover the entire room.

• I will need 44 times the amount of the 20.37 square ft to cover up.

• This equals to 896 square feet which is more than enough. The cost would be a total of $8,822.32 of ceramic floor tile.
Furniture

• For furniture I would buy a mixed material 4 drawer dresser room. This can fit many things inside such as clothes.
• The cost for the dresser is $140
Furniture

• I will also buy a bookshelf for many books to read. Most of them are Harry Potter themed.

• They will be all the series including books about history of Hogwarts and about Quidditch. The cost of this bookshelf is $88 and it's the color is vintage walnut.
Furniture

• I would also have a tv that's large. I could watch movies from Harry Potter and this could be the entertainment section.

• Cost of tv = $159.99
Furniture

• I am also going to buy a medieval themed dining table just like at Hogwarts.
• Cost of table = $29.95
Lighting

• I'm going to use Island King Large Flame torch. This is to match the medieval Hogwarts theme.
• Cost of torch = $14.39
• I will use 10 of them.
• Cost of 10 torches = $143.90
Wall Decorations

• I would put banners of all houses from Hogwarts.
• Cost of banners = $27
Extra Decorations
• I would have the Nimbus 2000 on display. Cost = $349
• I would also have The Elder Wand on display. Cost = $37.50
• I would also have the invisibility cloak to wear. Cost = $60
• I would also have Marauder's map. Cost of map = $20
• The total cost for all this = $466.50
# Itemized Chart Part 1.

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Cost per 1</th>
<th>Estimate cost to the tenths.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall color (slide 2)</td>
<td>3 Gal</td>
<td>$29.44</td>
<td>$29</td>
</tr>
<tr>
<td>Flooring (slide 3)</td>
<td>896</td>
<td>$9.98</td>
<td>$10</td>
</tr>
<tr>
<td>Mixed material 4 dresser</td>
<td>1</td>
<td>$140</td>
<td>$140</td>
</tr>
<tr>
<td>Bookshelf</td>
<td>1</td>
<td>$88</td>
<td>$88</td>
</tr>
<tr>
<td>Large TV</td>
<td>1</td>
<td>$159.99</td>
<td>$160</td>
</tr>
<tr>
<td>Medieval table</td>
<td>1</td>
<td>$29.95</td>
<td>$30</td>
</tr>
<tr>
<td>Torch</td>
<td>10</td>
<td>$14.39</td>
<td>$14</td>
</tr>
</tbody>
</table>
**Part 2**

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Cost per 1</th>
<th>Estimate to tenths</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hogwarts House banners</td>
<td>4</td>
<td>$6.75</td>
<td>$7</td>
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<tr>
<td>Nimbus 2000</td>
<td>1</td>
<td>$349</td>
<td>$349</td>
</tr>
<tr>
<td>The Elder Wand</td>
<td>1</td>
<td>$37.50</td>
<td>$38</td>
</tr>
<tr>
<td>Invisibility cloak</td>
<td>1</td>
<td>$60</td>
<td>$60</td>
</tr>
<tr>
<td>Marauder's Map</td>
<td>1</td>
<td>$20</td>
<td>$20</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

- **Total cost for everything = $1,582.78**
- **Round to tenths = $1,583**
THANKS for WAT HING!
Sources


• https://www.amazon.com/The-Noble-Collection-NN7888-Marauders/dp/B0026PW67W