Find the volume of each rectangular prism.

a. 

volume: ________________

d. 

volume: ________________

l = 10 m
w = 4 m
h = 8 m

volume: ________________

j. Paul and Jim work at a t-shirt factory. They pack t-shirts in boxes and send them to stores. Jim has a box that measures 2 ft by 4 ft by 6 ft. Paul has a box that measures 3 ft by 5 ft by 3 ft. Whose box can hold more t-shirts? ____________________________
To find the volume of a rectangular prism, multiply the length by the width by the height.

\[ \text{Volume} = l \times w \times h \]

Volume = \(3\text{cm} \times 5\text{cm} \times 12\text{cm}\)

Volume = 180 cm\(^3\)

Calculate the volume of each rectangular prism.

<table>
<thead>
<tr>
<th>a.</th>
<th>b.</th>
<th>c.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 cm</td>
<td>8 cm</td>
<td>3 cm</td>
</tr>
<tr>
<td>2 cm</td>
<td>6 cm</td>
<td>12 cm</td>
</tr>
<tr>
<td>1 cm</td>
<td>8 cm</td>
<td>3 cm</td>
</tr>
<tr>
<td>5 cm</td>
<td>6 cm</td>
<td>3 cm</td>
</tr>
<tr>
<td>3 cm</td>
<td>10 cm</td>
<td>2 cm</td>
</tr>
<tr>
<td>7 cm</td>
<td>10 cm</td>
<td>10 cm</td>
</tr>
</tbody>
</table>

Volume = _________ Volume = _________ Volume = _________

Volume = _________ Volume = _________ Volume = _________

Volume = _________ Volume = _________ Volume = _________

Volume = _________ Volume = _________ Volume = _________

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