Similarity Project instructions

Choose one of the given Mr. Potato Head pictures on the bottom of this sheet. The grading rubric is on the horse example.

1) Cut your picture in a rectangle shape and tape your it on the left upper hand of your graph.
2) Draw a box to border the picture and draw the gridlines on top of the small picture (see example).
3) Enlarge the box to a scale factor of 1 to 3. The new box will be three times larger than the original one (each unit will be 3x3 on the new grid).
4) Use the units on the smaller picture to draw the parts of the bigger picture. Each unit on the small picture takes up one 3x3 square on the big picture.

So, if my similarity ratio is 1:3, every 1x1 square in the pre-image will be 3x3 in the enlarged image.
4) Take your time and enlarge your original comic square by square.

Example

<table>
<thead>
<tr>
<th>Grading Rubric</th>
<th>/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small picture has gridlines drawn and length/width labelled</td>
<td></td>
</tr>
<tr>
<td>Big picture shows 3 x 3 gridlines and length/width labelled</td>
<td>/10</td>
</tr>
<tr>
<td>Big picture is drawn accurately to scale (1:3)</td>
<td>/25</td>
</tr>
<tr>
<td>Neatness / color</td>
<td>/5</td>
</tr>
<tr>
<td>TOTAL</td>
<td>/50</td>
</tr>
</tbody>
</table>