

7.G.1

Scale Drawing Recreating A Graphic

In this activity, you will be redrawing a picture at a different scale.

1. Browse the internet and select and print a logo, symbol, cartoon character, etc. that you would like to recreate. The logo must be approved by your teacher.
2. You will have to decide on a scale factor. For example, 1:2, 1:3, 1:4, 1:5, etc. Then, choose a unit of measure inches, centimeters, or both. Select a scale factor and unit of measure that will allow you to easily recreate your picture on paper. For example, if you choose a scale factor of 1:4, you might use a grid that has $\frac{1}{4}$ inch squares on your printed picture and 1 inch squares on your drawing; or a factor of 1:3 with 1 centimeter squares on the picture and 3 inch squares on your drawing.
3. After cutting out and gluing the picture to the grid paper, choose a straight edge tool and trace the grid over the top of the original picture.
4. Label the rows of the grids with numbers, and the columns of the grids with letters.
5. Recreate your picture!