

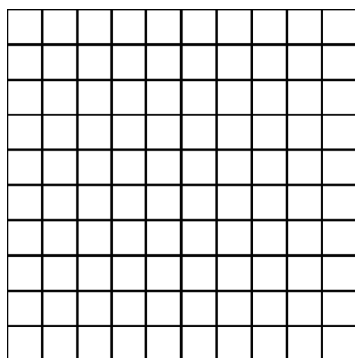
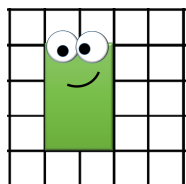
# Scale Drawings

Name \_\_\_\_\_

## (Reproducing a scale drawing)

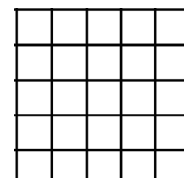
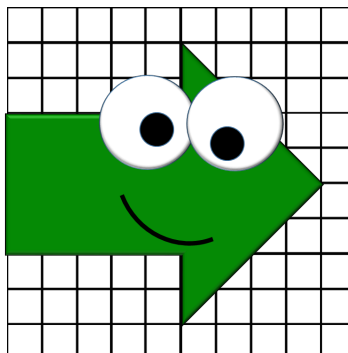
For each problem, draw a new figure using the given scale. Then calculate and compare the given measurements for both the original figure and the scale drawings.

### 1 Scale factor = 3



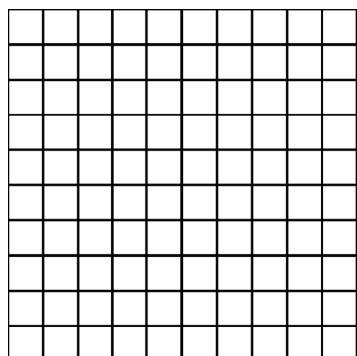
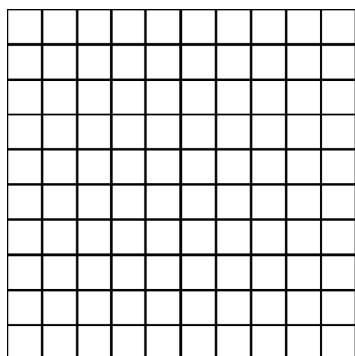
Calculate the perimeters of the original figure (not including the eyes) and the scale drawing. Write a statement comparing the perimeters.

### 2 Scale factor = $\frac{1}{2}$



Estimate the areas of the original figure (not including the eyes) and the scale drawing. Write a statement comparing the areas.

### 3 Draw your own picture and reduce it using a scale factor of $\frac{1}{2}$ . Be neat and creative!



### 4 Draw your own picture and enlarge it using a scale factor of 2. Be neat and creative!

