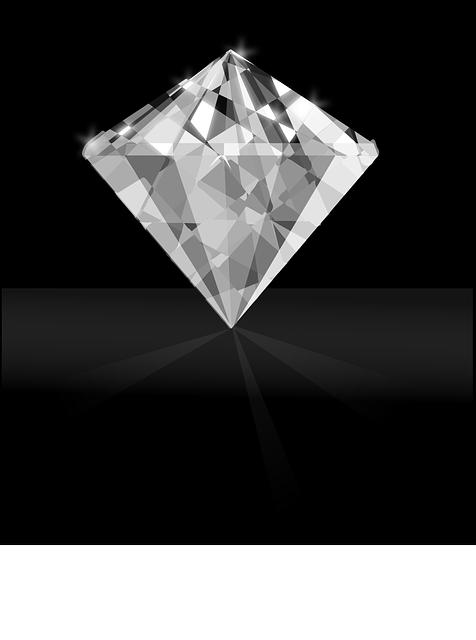
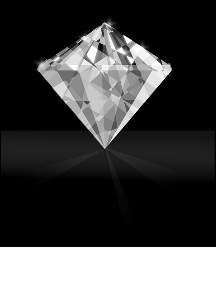
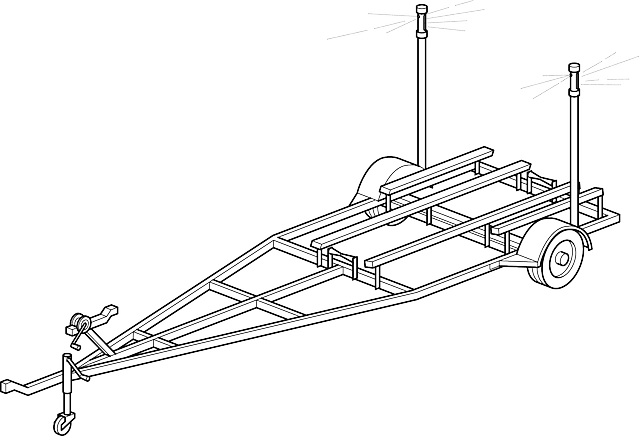
Lesson 16: Relating Scale Drawings to Ratios and Rates

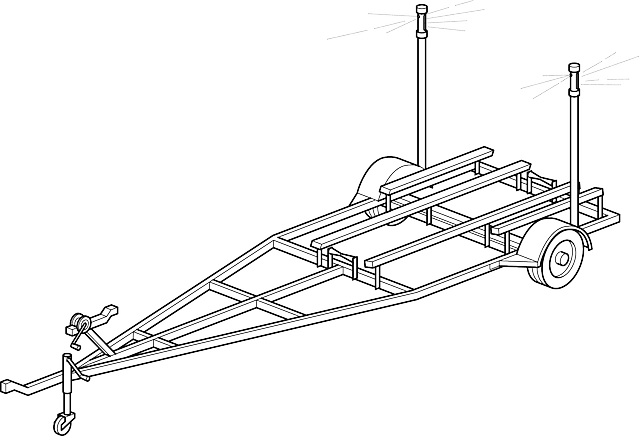
Problem Set

For Problems 1–3, identify if the scale drawing is a reduction or an enlargement of the actual picture.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   1. Actual Picture b. Scale Drawing



1. ****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Actual Picture



1. Scale Drawing
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   1. Actual Picture b. Scale Drawing

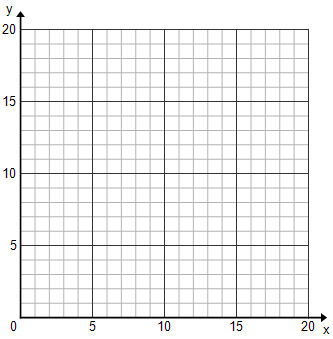


1. Using the grid and the abstract picture of a face, answer the following questions:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

* 1. On the grid, where is the eye?
  2. What is located in ?
  3. In what part of the square is the chin located?

1. Use the blank graph provided to plot the points and decide if the rectangular cakes are scale drawings of each other.

Cake 1: ,,,

Cake 2: , ,,

How do you know?