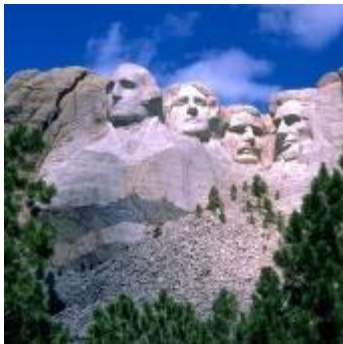


Name _____ Period _____

Here's a picture of Mount Rushmore before the carving:



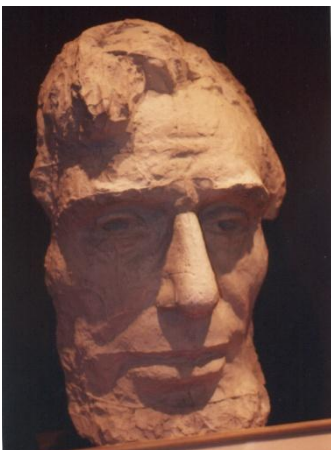
Here's a picture of Mount Rushmore after the carving:



This is from the Sculptor's Studio, on the grounds of Mount Rushmore. This is the 15-foot-tall model that Gutzum Borglund worked from to carve the heads into the mountain.



This is one of the five-foot tall masks the workers brought up the mountain, which they used as guides when carving.



President Lincoln's mouth is 18 feet wide on the mountain. If the same scale factor were used, and President Lincoln were to be carved from head to toe on the mountain, how tall would the carving be on Mount Rushmore?

What scale factor was used to take President Lincoln's head in "real life" to his head on the plaster model? How about on the mountain?