

## Nishika's scale factor reflection

A scale factor is a number used to multiply or divide one object by another that will look exactly similar but could be in a different size like getting enlarged or diminished; a scale factor makes a copy of an image with no difference in the angle position. A scale factor will scale or multiply a quantity.

Sometimes scale factor may be written in a ratio form, a ratio indicates how many times one number contains another. An example of a scale factor is 1 centimeter to 1 inch this means that one inch represents or equals the same value of one centimeter in the scale.

There are many situations where you can see scale factors in different ways, for example if I had an original square shape and its dimension was three and then it gave me a revised copy except enlarged and its dimension was six. I would have to divide 3 from 6 to get my scale factor in this case my scale factor is 2.

Scale factors help us in day-to-day life in many ways like when creating a map or when you have a lot of people to cook for but do not know how much you should cook, also recipes, how much is the scale factor when writing a recipe for hundreds. Scale factors play a crucial role in our real world. Figuring out how to solve them is of vital importance for our future.