Mouse Math

For example, imagine you are a laboratory animal caregiver working at a company that develops new medicines to treat cancer. You are responsible for maintaining the health of your laboratory animals (mice). One of your daily responsibilities is to weigh your mice and monitor their growth. You know that the weight of a mouse can be used to calculate the number of calories it needs per day. You also know that the number of calories a mouse needs per day can be used to determine the amount of feed it should be given. You need to figure out how much feed to give each mouse based on its weight.

To do this, you will need to use some basic math concepts, such as multiplication and division. You will need to multiply the number of calories a mouse needs per day by the weight of the mouse in grams to calculate the amount of feed it should be given. For example, if a mouse weighs 20 grams and needs 5 calories per gram, you will need to multiply 20 by 5 to get 100 calories per day. Then, you will need to divide 100 by the number of grams of feed that you want to give the mouse per pound to get the amount of feed you should give it per day. For example, if you want to give the mouse 1 gram of feed per day, you will need to divide 100 by 1 to get 100 grams of feed per day.

This activity is designed to emphasize to students the importance of math to their own lives and to their careers. It could also be used to help students develop their math skills.

Scientific Cross-Cross

The following indicates how the concepts, terms, and references are related to one another. The relationships are not meant to be exhaustive or definitive, but rather to provide a starting point for further exploration.

The relationship between concepts and terms is presented in a matrix format. The concepts are listed along the top of the matrix, and the terms are listed down the side. Each cell in the matrix contains a reference to the concept and term that are related to each other.

The relationships between references are also presented in a matrix format. The references are listed along the top of the matrix, and the relationships are listed down the side. Each cell in the matrix contains a reference to the relationship that exists between the two references.

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