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## Use of Mathematics in Daily Life

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### Abstract

Mathematics has been defined in many ways through the ages, Mathematics is an inevitable part of science and it is used in almost every field like natural science, engineering, art or economics. Applied mathematics has always been leading to important discoveries and giving birth to new discipline. Another great source is Merriam Webster's dictionary and according to this mathematics is defined as the science of numbers and their operations, interrelation, combination, generalizations and abstractions and of space configurations transformations and generalization.

There are many field in which we can use mathematics. For example (1) Cooking (2) Grocery shopping (3) Diet (4) Budget (5) Building materials (6) Work (7) Visiting a foreign country.

**Keywords:** Applied Mathematics, Operations, Interrelation, Generalizations, Abstractions.

### Introduction

When we get up we see the time of waking to verify whether we have enough time to attend to various responsibilities. (Awareness of time, reading a clock / watch, planning one's routine. When we brush our teeth the life of the brush, its cost, the paste, its available quantity to get new one come to one's mind. (Cost accounting!). In this connection, use of water, its availability, conservation, proper use of waste water are relevant to think. (Awareness of environment, nature, preservation of the same). Drinking coffee, tea, milk- the quantity, the temperature balance not affecting the tongue, quantity consumable, proportion of mixes constituting milk, coffee powder or decoction, boiling stage, filtering mechanism, washed cups / glasses ensuring health and a host of things require analysis, reasoning and attention. (Practical knowledge of ratio and proportion in domestic life also). Same is the case with bathing. (Water use and conservation). When it comes to wearing of dresses, the size, the make, its durability, its condition washed and ironed with creases etc., need knowledge of proportion, geometry. (Measurement of length, skill in transformation of cloth into clothe and other ideas indicated). Taking food as breakfast needs clear knowledge of proportion for preparation to have good taste- more salt, chilly etc., besides spoiling the taste will affect health too as proper balance has to be maintained. In that connection procurement of raw materials for preparation of food needs mention which involves calculation, commercial mathematics to study how a dealer measures, calculates and gives change! (Practical study of commercial mathematics can be used as project at various levels.

### Cooking

When we cook we need to measure the ingredients in terms of tablespoons, teaspoon, ounces, grams, kilograms etc. If we are preparing meals for many people, we will need to convert the measurements can result in disastrous meals.

### Grocery Shopping

In grocery or any other shops, mathematics is used for calculating the amount of the money you have to pay and the money saved.

### Diet

People who are overweight need to be conscious of their calorie intake especially if they are on special weight loss diet, knowledge of mathematics is needed to calculate the total amount of calories consumed in a day, one week and one month.

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### **Building Materials**

Mathematics is vital in building anything from a piece of furniture to some major building project. Measurements act guidelines for building. Imagine trying to build a house or even a bed without measurements. It's not possible at all.

### **Work**

Mathematics is needed everywhere work irrespective of the field of work you are employed in. Besides the business analysis, bank officials and financial accountants that need to be competent in mathematics. We all require mathematics to calculate our targets, salaries, and most important of all, leave status.

### **Visiting a Foreign Country**

When we are going abroad for a holiday, It is important that we have knowledge of currency conversion, because only by converting it back into our currency we will know in something is expensive for your budget or not. But if we can't convert currencies, we will never know if we were getting it cheaper.

### **Conclusion**

These are some of the uses of mathematics in our daily life. By seeing itself, we can understand mathematics plays an important role in our daily life.

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