

The Use of Mathematics in Everyday Life

6 pages | 1393 words

Math is used in everyday life for scheduling, travel, cooking, shopping, medicine, construction and various other applications. It is also required for computing, meteorology and scientific studies. Math is important for time calculations and scheduling. Knowing how long it takes to complete an activity or travel to a destination helps when planning everyday activities. Recipes for cooking include measurements for ingredients. Math is used for defining the weight or amount of each ingredient. Using math to determine the necessary amount of an ingredient ensures that food has the desired consistency and flavor. Financial math is an important aspect of shopping. Calculations are performed to determine a budget, or the amount of money available for spending. The prices of goods available for sale from different retailers are often compared to find the best deal. There are a variety of uses for math in the medical field. Calculations such as heart rate and blood pressure are performed when a doctor evaluates the physical health of a person. Math is also used to develop formulas and dosages for pharmaceutical medications. Constructing buildings depends on planning the precise measurements of a layout to ensure the best use of space. Construction measurements are also taken to identify the amounts of materials that need to be purchased for a project.

10 Ideas of Using Math in Everyday Life

Telling Time

There is a lot of math concepts you need to understand in order to know how to tell time. You need to know that there are 24 hours in a day, that we split those days into two equal-sized 12-hour halves, that each hour is 60 minutes, and that each minute is 60 seconds. We have to have a general understanding of how long a second is. And we have to understand fractions. Yes, fractions. It's built into our language. When you tell someone it's a quarter-to four, you're telling them that a quarter of an hour remains until it becomes four o'clock. In order to understand what that means, you also have to know that a quarter, or one fourth, is the same as 15 minutes 15 is one-fourth of 60, which is the number of minutes in an hour. So a quarter-to or quarter-past an hour is an extremely mathematical sentence that is so commonplace, many people don't even know they're doing math when they say it. Cooking let just say if the recipe calls for 2 tablespoons of sugar. You only have a teaspoon, or a soup spoon. The recipe calls for $\frac{3}{4}$ cup, but you only have a quarter cup measuring tool and a half cup measuring tool. How much adds up to $\frac{3}{4}$? You may know the answer. But that's because you understand math, fractions, and conversions. Changing teaspoons to tablespoons is one thing, changing pounds to kilograms is another? You'll rarely need the larger conversions in cooking unless you're planning on taking a trip to another country. There, you'll either need to adjust by buying new cooking tools, or you'll bring your own and hope you know how to convert ounces to grams.

Critical Thinking

This isn't even technically math....

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Padhraic Smyth



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