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**story 1**

One morning, grocer Mehmet started to line up his fresh breads to sell on his counter. He needed a scale to measure the weight of the breads. He took the scale and put the breads in order and weighed them. The first bread was 300 grams.

When Mehmet wanted to make more bread, he put a sack of flour on the scale and measured the weight of the flour. The sack weighed 20 **kilograms**.

Just then, Ali, who came to Mehmet's grocery store, approached with interest when he saw the scale. Showing the scale to Ali, Mehmet said, "Look, Ali, you can measure the weight of everything thanks to the scale. We can measure the weight of bread, flour, vegetables, fruits, even you."

Curiously, Ali measured his own weight using the scale. It was exactly 80 **kilograms**! Then he wanted to know the weights of the products sold in Mehmet's shop. Mehmet showed Ali the weight of all the products and calculated how much he had to pay.

Now Ali understood how important a measuring tool the scale was. While visiting Mehmet's shop every day and shopping, he realized that the scale made their life easier and the importance of shopping with the right weights.

**story 2**

Once upon a time, two friends living in a small town were filled with longing because they hadn't seen each other in years. One day, one thought of visiting the other and set off. On the way, they completed their journey using many units of measurement.

Initially, they measured the distance on the road in kilometers. They walked 5 kilometers to reach their first stop. When they got tired, they calculated the distance they walked in meters and realized that they had traveled 5000 **meters**.

Continuing their journey, when they had to cross a river, they measured the width of the river in meters. They preferred to cross the 50 **meter** wide river with a boat. As they sailed the boat towards the middle of the river, they calculated the depth of the water. They noticed that the water was about 3 **meters** deep.

As they neared the end of their journey, they had to climb a mountain. During the climb, they measured the height in meters. They climbed 2000 **meters** until they reached the top of the mountain.

Finally, they reached the town and happily embraced each other. While they were resting to relieve their fatigue, they calculated the length of their journey. They had traveled 10 **kilometers** in total.

Thus, the two friends experienced the happiness of seeing each other thanks to their journeys they completed using different distance measurement units.

**story 3**

There was a small town called Surprise. In the surprise town, all the neighborhoods were separated from each other and were quite far from each other. Therefore, people would have to shop from shops in different neighborhoods. However, these exchanges presented some problems, especially when using volumetric units.

For example, when the Mehmet family ran out of milk at the breakfast table, his mother would send him to buy milk. The milk shop was not in Mehmet's neighborhood. Knowing that he had to carry the milk, Mehmet took half a liter of milk. But the seller at the milk shop accidentally gave him a liter of milk. Mehmet struggled to carry a liter of milk and when he brought the milk home, his mother asked if he had not bought him a liter of milk. Mehmet realized that the volume measurement unit he took was wrong.

One day, the Ali family faced a similar problem. Their mother needed a spoonful of olive oil for dinner. However, the seller at the market gave Ali a 5-liter olive oil container. When Ali returned home, his mother asked him where the olive oil was. Ali needed a small measure of volume because he wanted to buy a spoonful of olive oil, but a large volume measure was mistakenly used at the grocery store.

To solve these problems, all shops in Surprise town started communicating with each other in order to serve their customers accurately, especially when using volumetric units. Now they knew that milk was equal to half a liter, that a teaspoon was needed for a spoonful of olive oil. In this way, all customers in the Surprise town could now receive more accurate service regarding volume measurement units.

**Story 4**

Once upon a time, in a small town, there was a curious student who wanted to learn how a farmer survived the cold weather of winter. The student asked the farmer how cold it was in winter.

“Last year the lowest temperature was -10 degrees Fahrenheit,” the farmer replied.

The student was surprised and said, "Well, can you feel how much temperature rise there is?" asked.

The farmer thought and said, "Yes, I can feel every 5 degrees Fahrenheit increase or decrease."

The student wanted to learn more and said, "Well, at how many degrees Celsius can you not feel it?" asked.

“Every person is different, but at temperatures lower than -25 degrees Celsius, I have a hard time feeling it,” the farmer said.

With this information, the student toured the town and learned that everyone's perception of temperature is different and that some people are comfortable in colder or warmer temperatures.

And from that day on, the student began to use measures that take into account people's perception of temperature, instead of measuring temperature only in degrees.