

# King Henry's Story

Once upon a time in a faraway land there lived a king who loved chocolate milk. His name was King Henry.

Throughout his kingdom, King Henry made sure that all of the cows were fed great supplies of chocolate to continue to provide him with his beloved chocolate milk drink.

King Henry drank chocolate milk with his breakfast. He drank chocolate milk with his lunch. He drank chocolate milk with his dinner. He even drank chocolate milk for his bedtime snack. King Henry drank chocolate milk by the liters!

King Henry wanted all living creatures in his kingdom to enjoy chocolate milk as much as he enjoyed chocolate milk. However, a liter was not the best serving size for every creature.

The Royal Carpenter was called for and the command was given for new serving vessels to be created to fit every creature in the kingdom.

For the creatures smaller than the king, the Royal Carpenter designed deciliters that were  $1/10^{\text{th}}$  the size of a liter, centiliters that were  $1/100^{\text{th}}$  the size of a liter, and milliliters that were  $1/1000^{\text{th}}$  the size of a liter. The milliliters were just right for the Royal Beetles and Bugs of the kingdom.

For the creatures greater than the king, the Royal Carpenter designed dekaliters that were 10 times the size of a liter, hectoliters that were 100 times the size of a liter, and kiloliters that were 1000 times the size of a liter. The kiloliters were just right for the Royal Giants of the kingdom.

The Royal Carpenter lined the vessels up in his workroom from largest to smallest to show the king. The king's vessel was in the center of the line, for the king was the center of the kingdom. The vessels were arranged in the following order:

**kiloliter   hectoliter   dekaliter   liter   deciliter   centiliter   milliliter**

King Henry loved the new vessels that were designed larger and smaller than his own for all of the living creatures in his kingdom. The Royal Carpenter explained that the sizes increased and decreased from the king's liter, the original unit of measurement, by multiples of ten. He explained how to convert between the sizes by multiplying by ten or dividing by ten. King Henry wondered how he would ever remember the order of the vessels.

The Royal Carpenter said that he remembered them by thinking of a saying. He said, "I remember the order by saying 'King Henry Does Usually Drink Chocolate Milk' and then I have no problem remembering the order."

"That is exactly right!" said King Henry. "Now I shall remember the sizes of the vessels!"

**King Henry Does Usually Drink Chocolate Milk**