

# Discrete vs Continuous

Which of these are continuous and which are discrete?

a stack of coins

The time it takes for a car battery to die

Molecules of water

the area of a circle

The height of corn plants

a bag of apples

a dozen eggs

The changing shape of a balloon as it's being inflated.

Pearls on a necklace

The number of ears of corn produced

Thoughts

the distance from here to the moon

The volume of a sphere

The number of green M&M's in a bag

Sentences

Continuous

Discrete

IN YOUR OWN WORDS describe the difference between discrete and continuous functions.