

Bubble Gum



Name _____

Date _____

Have you ever wondered why gum loses its sweetness so quickly? Does it seem like the gum gets smaller after you chew it? Well, sugar contributes to gum's flavor. During chewing, the sugar is lost, which makes the gum get smaller as it loses sweetness.

Bazooka bubble gum is 73% sugar. After chewing for 30 minutes, all sugar is lost and the gum's mass is 6.7 grams. What was the mass of the bubble gum before chewing?

Solve using pictures, words, tables, graphs, and/or symbols.