Problem of the Week #9: Charlie's Gumballs



Charlie has a giant bag of gumballs and wants to share them with his friends.

He gives half of what he has to his buddy, Jaysen. He then gives half of what's left to Marinda. Next, he gives half of what's left to Zack. His mom makes him give 5 gumballs to his sister. He now has 10 gumballs left.

How many gumballs did Charlie have to begin with?

Show your work using pictures, words, or numbers.