

Bags of marshmallows

This task is about mean and distribution of data.

Jenny buys a bag of marshmallows every week. They come in bags stating "20 marshmallows" in each. For 10 weeks Jenny counts and writes down the number of marshmallows in each bag. This is what she found:

20, 21, 19, 20, 23, 18, 20, 20, 19, 20
--

a) What is the average (mean) number of marshmallows per bag?

b) What percentage of bags have less than 20 marshmallows? %

c) Jenny is unhappy with the number of marshmallows she gets in the bags. Explain why.