

# Sharing out chocolate cake

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This task is about sharing fractions of a cake.



Dianna had a cake of chocolate divided into 16 segments. She shared it with her friends.

John was given  $\frac{1}{4}$ , Hana  $\frac{1}{8}$ , Ben and Nan  $\frac{1}{16}$  each, and Mary  $\frac{2}{16}$ .

Show how many segments each of Dianna's friends would get by writing their names on the segments below.

a)


b) What fraction did Dianna have left? \_\_\_\_\_