

Cafeteria Problems page 2 of 2

2 What is:

a $\frac{1}{2}$ of 60?

b $\frac{1}{3} \times 60$?

c $\frac{1}{2}$ of 100?

d $\frac{1}{5} \times 100$?

3 While waiting for his grandma to arrive, Patrick spent $\frac{1}{2}$ of an hour on the phone with a friend and $\frac{1}{4}$ of an hour listening to the radio. How long did Patrick spend waiting for his grandma? Write your answer both in minutes and as a fraction of an hour.

4 Beth walked $\frac{1}{3}$ of a mile from her house to her friend's house, $\frac{1}{4}$ of a mile to the post office, and then another $\frac{1}{2}$ of a mile from the post office back home. How far did Beth walk?

5 **CHALLENGE** Rodney and Josiah each bought a package of the same kind of cookies at the store. Rodney ate $\frac{1}{2}$ package of cookies on Monday and $\frac{1}{3}$ of the same package on Tuesday. Josiah ate $\frac{5}{12}$ of his package on Monday and $\frac{1}{2}$ of the package on Tuesday. Who ate more? How much more?