Name: ..... Class: .....

Fractions of a group: word problems

a. The are four shops in Mari's neighbourhood. 3 of the shops sell groceries. what fraction of the shops sells groceries? What fraction of the shops does not sell groceries?

b. Mr. Richard took his wife and 5 children on a vacation to London. While there, he took 3 of his children to visit the London Tower bridge. What fraction of the family did not vist the London tower bridge? What fraction of the family visited the London Tower bridge?

Solution

mathskills4kids

Name: ..... Class: .....

Fractions of a group: word problems

a. The are four shops in Mari's neighbourhood. 3 of the shops sell groceries. what fraction of the shops sells groceries? What fraction of the shops does not sell groceries?

Let's first of all, write down the information given to find the fraction of the shops that sell groceries.
Number of shops = 4.
Number of shops that sells groceries = 3.
So, fraction of shops that sells groceries = 3 out of 4 shops = $\frac{3}{4}$ shops in fraction form.
Therefore, $\frac{3}{4}$ shops sells groceries.

Now, let's find the fraction of shops that does not sell groceries. If there are 4 shops and 3 sells groceries, it implies 1 out of 4 shops does not sell groceries.
So, in the fraction form, $\frac{1}{4}$ shops does not sell groceries.

b. Mr. Richard took his wife and 5 children on a vacation to London. While there, he took 3 of his children to visit the London Tower bridge. What fraction of the family did not vist the London tower bridge? What fraction of the family visited the London Tower bridge?

Let's first of all, write down the information given to solve this problem.
Number of people that went to London = 7
Number of people that visited the London bridge = 4.
Number of people that didn't visit the London Tower bridge = 7 - 4 = 3.
So, fraction of the family that did not visit the London bridge = 3 out of 7 = $\frac{3}{7}$ in fraction form.
Therefore, $\frac{3}{7}$ of the family members didn't visit the London Tower bridge.

Now, fraction of the family that visited the London Tower bridge = 4 out of 7 = $\frac{4}{7}$ in fraction form.
Therefore, $\frac{4}{7}$ of the family members visited the London Tower bridge.