

Name _____

Date _____

Fractions - Word Questions - Ex. 7e

Consider this question:

Tim had a pizza. He gave $\frac{1}{2}$ to Bess and $\frac{1}{3}$ to Mark. What fraction was left?

We must add up what was given away and subtract it from the whole.

Method 1

$$\begin{aligned}\text{Ans. Fraction left} &= 1 - \left(\frac{1}{2} + \frac{1}{3} \right) \\ &= 1 - \left(\frac{3}{6} + \frac{2}{6} \right) \\ &= \frac{6}{6} - \frac{5}{6} \\ &= \frac{1}{6}\end{aligned}$$

Method 2

$$\begin{aligned}&\frac{1}{2} + \frac{1}{3} \\ &= \frac{3}{6} + \frac{2}{6} \\ &= \frac{5}{6} \\ \text{Ans. Fraction left} &= \frac{6}{6} - \frac{5}{6} = \frac{1}{6}\end{aligned}$$

1) Mother gave $\frac{1}{2}$ of a cake to Ann and $\frac{1}{10}$ to Bess. What fraction was left?

2) I spent $\frac{1}{3}$ of my money and lost $\frac{4}{9}$. What fraction remained?

3) I ate $\frac{3}{5}$ of a pizza for breakfast and $\frac{1}{3}$ for lunch.

a) What fraction did I eat? _____

b) What fraction remained? _____

4) $\frac{3}{10}$ of my class plays football, $\frac{1}{5}$ play cricket and the rest play neither cricket nor football.

a) What fraction plays cricket and football? _____

b) What fraction plays neither cricket nor football? _____

5) A farmer sold $\frac{5}{6}$ of a bag of grain, gave away $\frac{1}{8}$ and kept the remainder for herself?

What fraction did she keep? _____