

Name _____

Date _____

Fractions - Word Questions - Ex. 7b

Consider this question:

1) Tim had \$10. He gave \$5 to Bess and \$2 to Mark. How much money was left?

Solution: We need to add up what was given away, then subtract it from the whole (i.e. the money Tim had at the start.)

Ans. Money left = $\$10 - (\$5 + \$2) = \3 or $\$5 + \$2 = \$7$, $\$10 - \$7 = \$3$

Now consider this question:

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

Here we are being asked to do a similar thing. We must add up what was given away and subtract it from the whole.

Method 1

Ans. Fraction left = $1 - (\frac{1}{2} + \frac{1}{3})$
 $= 1 - (\frac{3}{6} + \frac{2}{6})$
 $= \frac{6}{6} - \frac{5}{6}$
 $= \frac{1}{6}$

Method 2

$\frac{1}{2} + \frac{1}{3}$
 $= \frac{3}{6} + \frac{2}{6}$
 $= \frac{5}{6}$
Ans. Fraction left = $\frac{6}{6} - \frac{5}{6} = \frac{1}{6}$

1) Mother gave $\frac{1}{4}$ of a cake to Ann and $\frac{1}{3}$ to Bess. What fraction was left?

2) I spent $\frac{1}{3}$ of my money and lost $\frac{2}{5}$. What fraction remained?

3) I ate $\frac{1}{8}$ of a pizza for breakfast and $\frac{3}{4}$ for lunch.

a) What fraction did I eat? _____

b) What fraction remained? _____

4) $\frac{2}{5}$ of my class plays football, $\frac{1}{2}$ 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 $\frac{3}{8}$ of a bag of grain, gave away $\frac{1}{4}$ and kept the remainder for herself?

What fraction did she keep? _____