

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?

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

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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? \_\_\_\_\_