Unit 3: Multiplication and Division

Friendly Notes

Word Problems

Models can also help us solve multiplication and division word problems.

1. There are 5 English books.

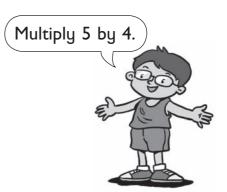
There are 4 times as many Mathematics books as English books.

How many Mathematics books are there?

,	5		
English			
Mathematics			
		?	

$$5 \times 4 = 20$$

There are 20 Mathematics books.



Exercise 2: More Word Problems

- 1. Do these. Show all your work clearly.
 - (a) Mary bought 5 boxes of cake.Each box contained 9 pieces of cake.How many pieces of cake did she buy?

(b) 32 m of cloth was cut into 4 pieces of the same length. How long was each piece of cloth?

(c) There are 80 tables altogether in 8 equal rows. How many tables are there in each row?

Exercise 6: Fractions and Money

- 1. Fill in the blanks.
 - (a) What fraction of a dollar is 80 pennies?

(b) What fraction of a dollar is 6 dimes?

(c) What fraction of a dollar is 3 quarters?

2. Fill in the missing numbers.



- (a) $\frac{\square}{\square}$ of the coins are nickels.
- (b) $\frac{\square}{\square}$ of the coins are dimes.