

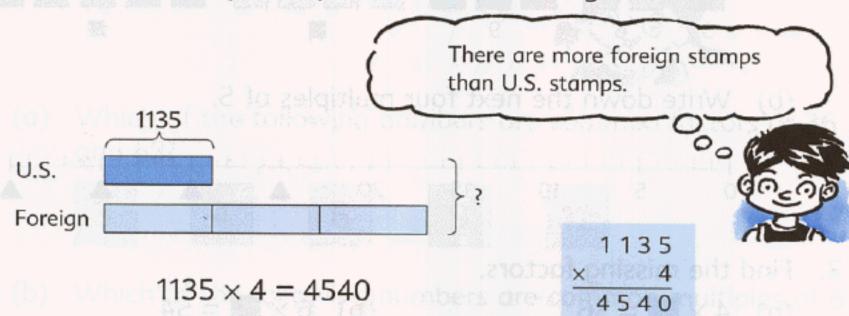
Multiplication and Division of Whole Numbers

Multiplication by a 1-digit Number,
Division by a 1-digit Number and by 10

Sean has 1135 U.S. stamps.

He has 3 times as many foreign stamps as U.S. stamps.

(a) How many stamps does he have altogether?



He has 4540 stamps altogether.

Multiply 1135 by 4.

Multiply 5 ones by 4.

Multiply 3 tens by 4. Add 2 tens.

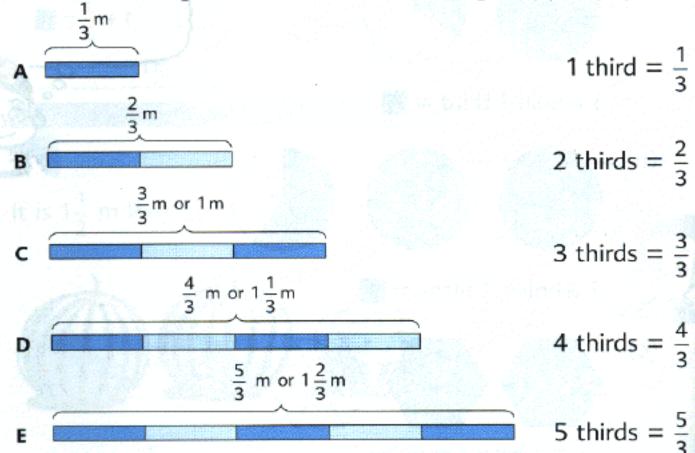
Multiply 1 hundred by 4. Add 1 hundred. Multiply 1 4. thousand by 4.

When 1135 is multiplied by 4, the product is 4540.

4

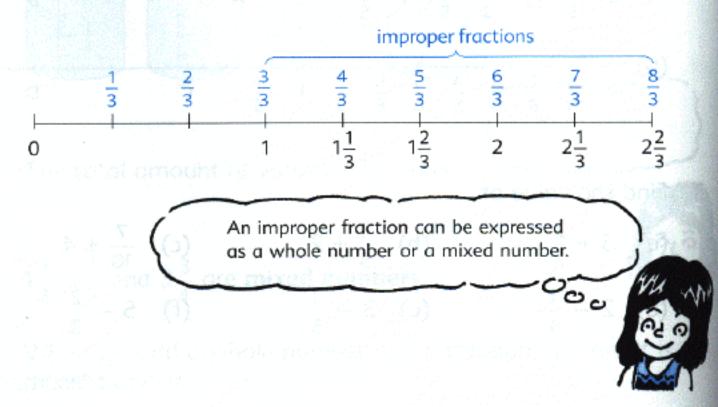
Improper Fractions

What is the length of each of the following strips of paper?



 $\frac{3}{3}$, $\frac{4}{3}$ and $\frac{5}{3}$ are improper fractions.

An improper fraction is equal to or greater than 1.



PRACTICE 3C

Multiply. Give each answer in its simplest form.

(a)

(b)

(c)

(d)

1. $\frac{1}{3} \times 18$

 $\frac{3}{4} \times 32$

 $\frac{1}{6} \times 4$

 $\frac{5}{9} \times 15$

2. $36 \times \frac{1}{4}$

 $15 \times \frac{2}{5}$

 $6 \times \frac{1}{8}$

 $10 imes rac{3}{4}$

3. Peter had a board 3 m long.

He used $\frac{3}{4}$ of its length as a bookshelf. How long was the bookshelf?

4. Jane practices on the piano for $\frac{3}{4}$ hour a day.

How many hours does she practice on the piano in 5 days?

- 5. In a class, $\frac{2}{5}$ of the students wear glasses.
 - (a) What fraction of the students do not wear glasses?
 - (b) If 16 students wear glasses, how many students are there altogether?
- 6. Nicole bought 30 eggs.

She used $\frac{2}{3}$ of the eggs to bake cakes.

How many eggs had she left?

7. Lily bought some picture cards.

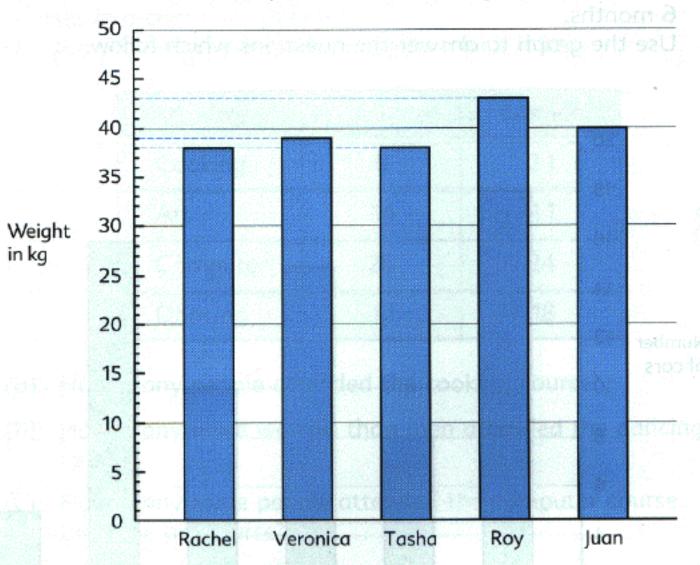
She gave $\frac{1}{3}$ of them to Matthew.

If she gave 8 picture cards to Matthew, how many picture cards did she buy?

8. Kevin spent $\frac{1}{4}$ of his money on a storybook.

If the storybook cost \$6, how much money did he have at first?

The data can also be presented in a bar graph:



 This table shows the number of storybooks read by four children in one month.

Name	Number of books
David	8
Pablo	16
Lauren	14
Rosa	10

- (a) Who read the greatest number of storybooks in one month?
- (b) How many more storybooks did Lauren read than David in one month?
- (c) Draw a bar graph to show the data given in the table.