

At the toy shop

The toy shop stocks tricycles and go-carts.

The tricycles have 3 wheels.

The go-carts have 5 wheels.



Suna counted the wheels.

He counted 37 altogether.

How many tricycles are there?

How many go-carts?

Find two ways to do it.

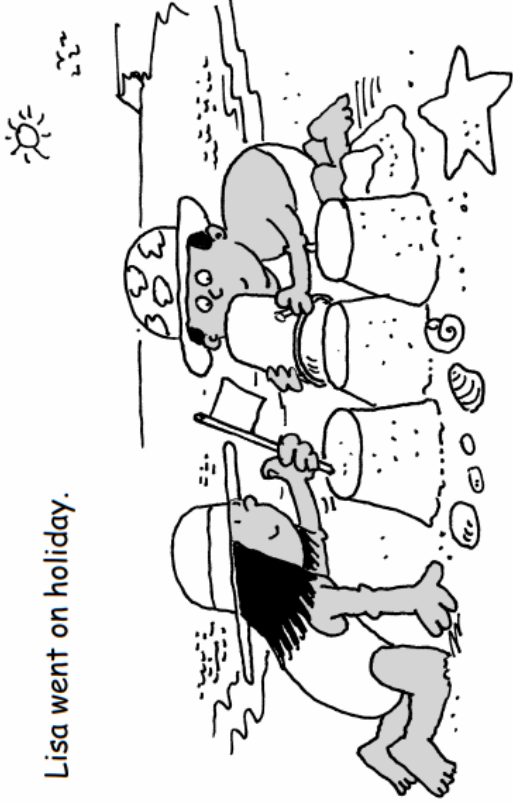
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Teaching objectives

- Solve mathematical problems or puzzles.
- Recognise multiples of 3 and 5.
- Add mentally a pair of two-digit numbers.

Sandcastles

Lisa went on holiday.



In 5 days she made 80 sandcastles.

Each day she made 4 fewer castles than the day before.

How many castles did she make each day?

Lisa went on making 4 fewer castles each day.

How many castles did she make altogether?

Teaching objectives

- Solve mathematical problems or puzzles.
- Add two-digit numbers.

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Make five numbers

Take ten cards numbered 0 to 9.



Each time use all ten cards.

Arrange the cards to make:

- five numbers that are multiples of 3
- five numbers that are multiples of 7
- five prime numbers

Make up more problems to use all ten cards to make five special numbers.

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Teaching objectives

Solve mathematical problems or puzzles.
Know 3 and 7 times tables.
Recognise prime numbers.

Jack's book

The pages of Jack's book are numbered from 1.



The page numbers have a total of 555 digits.

How many pages has the book?

How many of the digits are a 5?

63

Teaching objectives

Solve mathematical problems or puzzles.
Know what each digit represents.

23 At the toyshop

There are 9 tricycles and 2 go-carts, or 4 tricycles and 5 go-carts.

45 Sandcastles

Over the 5 days Lisa made 24, 20, 16, 12 and 8 sandcastles.

She made 84 sandcastles altogether.

61 Make five numbers

For example:

a. 12, 39, 45, 60, 78.

b. 7, 42, 63, 98, 105.

c. 5, 23, 67, 89, 401.

There are other solutions.

63 Jack's book

The book has 221 pages.

42 of the digits are a 5.