# MathSmart Guide
## Contents

For **Parents**

# Chapter 1

# Two-digit Numbers

## 1.1　Writing Two-digit Numbers

Your child will learn how to count objects in groups of 10 and learn the place value concept.

### Counting Objects

#### Steps

**1st** Circle every 10 objects.  Then count the circled groups.

→ Find out how many tens there are.

**2nd** Count the uncircled objects.

→ Find out how many ones there are.

**3rd** Write the two-digit number.

**e.g.** How many ⭐ ?

2 tens　　　4 ones

| Tens | Ones |
|------|------|
| 2 | 4 |

### Understanding the Place Value Concept

| Base-ten Name | |
|------|------|
| 4 tens | 3 ones |
| base-ten blocks | |

4 in the tens place means 40.
3 in the ones place means 3.

| Tens | Ones |
|------|------|
| 4 | 3 |

= 4 tens 3 ones
= 40 and 3
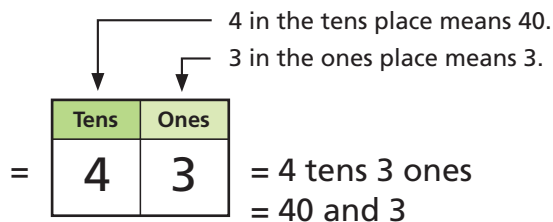
Remember to write "0" in the ones place when there are no "ones".
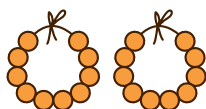
Number of beads: **20** ← "0" is a placeholder.

## 1.2   Skip Counting by 2's, 5's, 10's, and 25's

### Counting by 2's, 5's, and 10's

| Counting by | The ending of the numbers must be |
|:-----------:|:---------------------------------:|
| 2's | 0, 2, 4, 6, or 8 |
| 5's | 0 or 5 |
| 10's | 0 |

**e.g.**  Count by 5's from 35.

35, 40, 45, 50 ...

The ending is either 5 or 0.

### Counting by 25's

You may use quarters to help your child grasp the idea of counting by 25's. Once they feel comfortable counting from 0, you may challenge them to count from any multiple of 25 up to 200.



25 → 50 → 75 → 100 → 125 → 150 → 175 → 200

When your child skip counts the quarters, you can also ask him or her to determine the pattern of the numbers counted. The endings of the numbers make a repeating pattern: 25, 50, 75, and 00.