Grade 1 – Unit 7
Addition & Subtraction

Parent Letter

Dear First Grade Families,

In Unit 7, students will work on the following first grade Common Core standards in the Numbers and Operations of Base Ten (NBT) and Operations and Algebraic Thinking (OA) domains.

1.OA.7	Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false.
1.OA.8	Determine the unknown whole number in an addition or subtraction equation relating three whole numbers.
1.NBT.4	Add within 100, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; related the strategy to a written method and explain the reasoning used. Understand that in adding two-digit numbers, one adds tens and tens, ones and ones; and sometimes it is necessary to compose a ten.
1.NBT.5	Given a two-digit number, mentally find 10 more or 10 less than the number, without having to count; explain the reasoning used.
1.NBT.6	Subtract multiples of 10 in the range 10-90 from multiples of 10 in the 10-90 (positive or zero differences), using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.

Unit 7 Concepts:

- Understand the meaning of the equal sign
- Addition of three whole numbers
- Add within 100
- Mentally add or subtract 10
- Subtract multiples of 10

Unit 7 Vocabulary:

- add
- subtract
- true/false

Ask questions like these to help your child become a productive mathematical thinker:

- What is 10 more than 30? What is 10 less than 30?
- Is this statement true or false? 60—40=10
- What is 25 + 35? Explain how you got your answer.

Need a review?
Have your student login to Swun Math to access lesson support videos.

We encourage you to talk with your child daily about what was learned in math class.
Thank you for your support!

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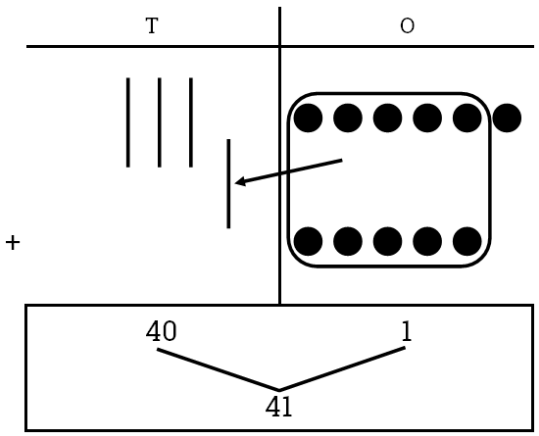
Our focus in this unit is to help students understand what is happening when regrouping with addition. Before we work with the traditional algorithm, students will first build their conceptual understanding of addition with several different strategies and models.

When helping with homework at home, ask your child to show you how they're using these strategies and models to show how they understand what they're adding.

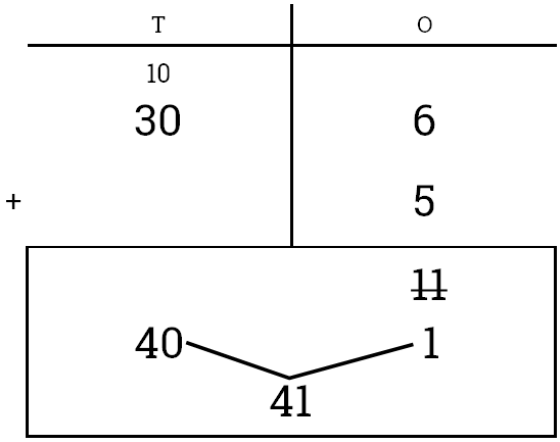
36 + 5 = 41

Draw a Picture Strategy



1. Build or draw pictures of both partners in the base ten chart.
2. Add the cubes in the ones column. If necessary, bundle a group of ten cubes by circling them. Draw a ten rod in the tens column.
3. Write the number of ones.
4. Add the ten rods in the tens column.
5. Write the number of tens.
6. Add.

Place Value Strategy



1. Break apart the partners into ones and tens on a place value chart.
2. Add the ones. If necessary, regroup tens to the tens column.
3. Write the ones.
4. Add the tens.
5. Write the tens.
6. Add.

Working Form

	hundreds	tens	ones
		1	
		3	6
+			5
		4	1