

# MATH Parent Resources

## Place Value

**\* Place Value:** tells the value of a digit in a number

10 ones → 1 ten (10)

10 tens → 1 hundred (100)

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**\* Place Value Chart**

thousands	hundreds	tens	ones
3	2	4	5

$$\begin{array}{r} 3,000 \text{ thousands} \\ 200 \text{ hundreds} \\ 40 \text{ tens} \\ 5 \text{ ones} \\ \hline 3,245 \end{array}$$

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**\* Ways to Write Numbers**

Standard Form: 245

Expanded Form:  $200 + 40 + 5$

Number Word: two hundred forty-five

## Addition

Add Plus Sign  
 All Together More  
 Join In all

**What it Looks Like**

$1 + 3 = 4$  How many fish in all?  
 1 fish in the pond. 3 more join. = 4

## Subtraction

Subtract Minus Sign Fewer  
 Left How Many more?  
 Less Than Minus Sign How Many more?  
 Give/Gave Minus Remain Take away

**What it Looks Like**

$3 - 2 = 1$  How many are left?  
 3 Cookies Eat two = 1

## Math Strategies

**Addition**

1. Count on

$3 + 1 = 4$

2. Draw a picture

$1 + 3 = 4$

3. Use the number line

$3 + 1 = 4$

4. Use tally marks

$3 + 1 = 4$

**Subtraction**

1. Count back

$3 - 2 = 1$

2. Draw a picture

$3 - 2 = 1$

3. Use the number line

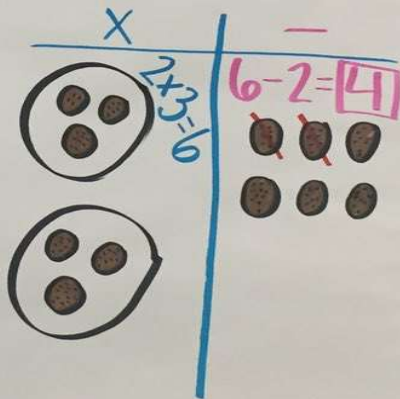
# Solving Two-Step Word Problems

Step 1: Circle the #'s. Underline the question. Box Key Words.

Step 2: Make a t-chart and solve part 1.

Step 3: Solve part 2 in your t-chart and draw a box around your answer.

Tom has 2 plates of cookies. Each plate has 3 cookies on it. Tom ate 2 cookies. How many cookies are left?

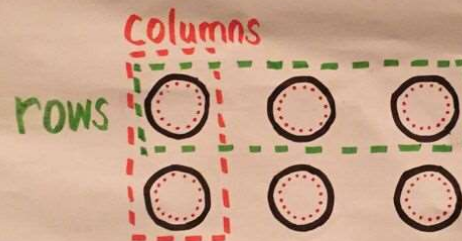


2.OA.4

# Arrays

What is an array?

An array is an arrangement of objects that show equal groups in rows and columns.



Write an equation

A repeated addition sentence should have repeated equal addends.

count your objects in your rows  $\underline{3} + \underline{3} = 6$

count your objects in your columns  $\underline{2} + \underline{2} + \underline{2} = 6$