

Dear Parents,

Over the next few weeks, we will be learning about **place value** in math! The information below will help you to support your child as they learn these exciting, yet important first grade math skills.

The GOAL:

By the end of the unit, your child should be able to **read, write, count, and use symbols to compare numbers to 120** as well as **understand the place value system.**

Help your child learn how to:

Write numerals correctly:

0, 1, 2, 3, 4, 5, 6, 7, 8, 9

Count by ones, fives, and tens:

Ones - 1, 2, 3, 4, 5...

Fives - 5, 10, 15, 20, 25...

Tens - 10, 20, 30, 40, 50...

Determine if numbers are even or odd.

even- 0, 2, 4, 6, 8

odd- 1, 3, 5, 7, 9

Identify the place value of numbers:

ones place

examples: 1, 2, 3, 4, 5

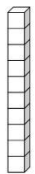
1 unit (cube) = 1



tens place

examples: 13, 39, 56

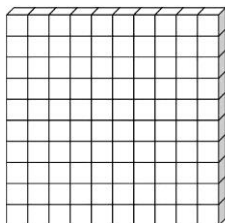
1 rod (long) = 10



hundreds place

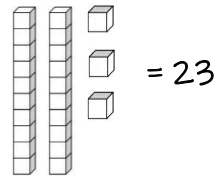
examples: 100, 200, 300

1 flat = 100

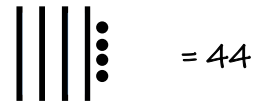


Represent numbers in different ways:

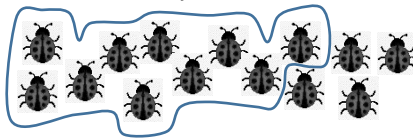
Use base - 10 blocks



Use quick pictures



Make groups of 10



14 ones = 1 ten and 4 ones

Order numbers

biggest number ↘

least to greatest- 13, 45, 78, 89, 103

smallest number ↗

smallest number ↘

greatest to least- 146, 124, 98, 62, 33

biggest number ↗

Compare two two-digit numbers

<

less than

>

greater than

=

equal to

example: 16 < 33 example: 29 > 2 example: 14 = 14

Central Dauphin School District
Grade 1 Math: Unit 1 Parent Letter
Numbers in Base 10



Grade 1 Math: PA Core Math Standards in Unit 1

CC.2.1.1.B.1: Extend the counting sequence to read and write numerals to represent objects.

CC.2.1.1.B.2: Use place-value concepts to represent amounts of tens and ones and to compare two digit numbers.

-- HOW TO HELP AT HOME --

Write/Count Numbers

- Provide opportunities to count objects around the house, toys, etc.
- Match objects to a numeral :
ex: count pennies and write the numbers
- Use crayons, markers, sidewalk chalk to practice writing numbers.

Place Value

- Give a 2-digit number and have your child draw the tens and ones using a quick picture.
- Draw a quick picture and have your child name the number it represents.
- In the community, have your child identify the tens and ones place in numbers they see:
examples: house numbers, prices, speed limit signs, etc.
- Give your child a set of dice to roll numbers to make two-digit numbers.

Compare Numbers

- Ask your child to identify which numbers are greater than or less than another number.
- Using number cards, give your child 5 random numbers and have your child order them.