North Penn School District

Elementary Math Parent Letter

Grade 2

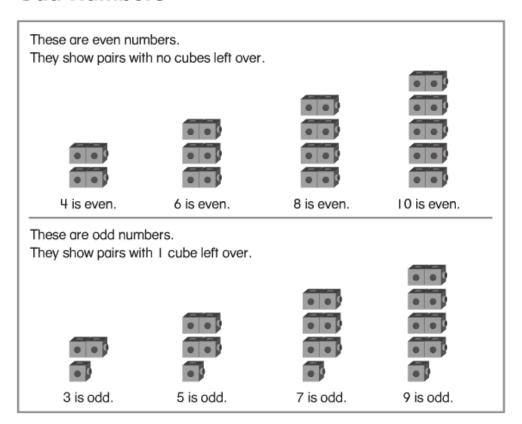
Unit 1 – Chapter 1: Number Concepts

Examples for each lesson:

Lesson 1.1

Algebra • Even and Odd Numbers

Work with equal groups of objects to gain foundations for multiplication.

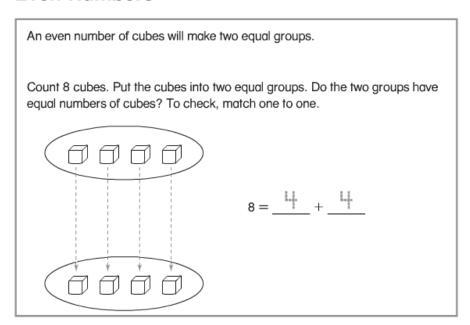


More information on this strategy is available on Animated Math Model #1.

Lesson 1.2

Algebra • Represent Even Numbers

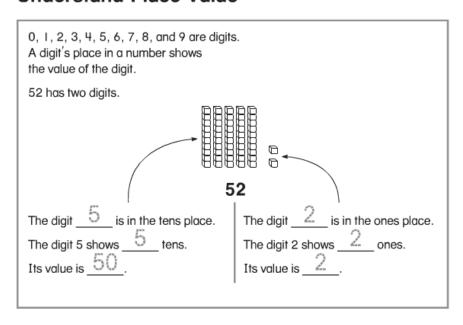
Work with equal groups of objects to gain foundations for multiplication.



Lesson 1.3

Understand Place Value

Understand place value.

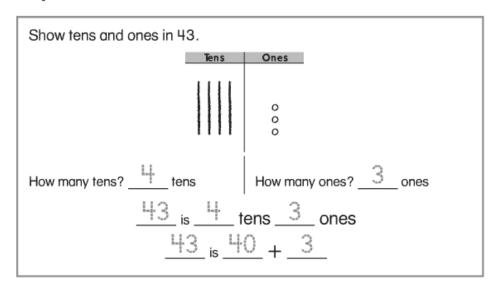


More information on this strategy is available on Animated Math Model #2.

Lesson 1.4

Expanded Form

Understand place value.



More information on this strategy is available on Animated Math Model #3.

Lesson 1.5

Different Ways to Write Numbers

Understand place value.

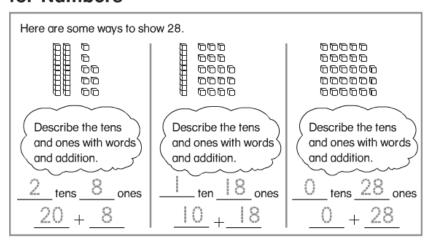
You can write numbers in different ways.				
		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	twenty-six	
	ones	teen words tens	tens	
Τ	one	I I eleven I ten I one I 0 ten	I ten	
2	two	12 twelve I ten 2 ones 20 twenty	2 tens	
3	three	13 thirteen I ten 3 ones 30 thirty	3 tens	
4	four	14 fourteen I ten 4 ones 40 forty	4 tens	
5	five	15 fifteen I ten 5 ones 50 fifty	5 tens	
6	six	16 sixteen 1 ten 6 ones 60 sixty	6 tens	
7	seven	17 seventeen 1 ten 7 ones 70 seventy	7 tens	
8	eight	18 eighteen I ten 8 ones 80 eighty	8 tens	
9	nine	19 nineteen 1 ten 9 ones 90 ninety	9 tens	

More information on this strategy is available on Animated Math Model #4.

Lesson 1.6

Algebra • Different Names for Numbers

Understand place value.



More information on this strategy is available on Animated Math Model #5.

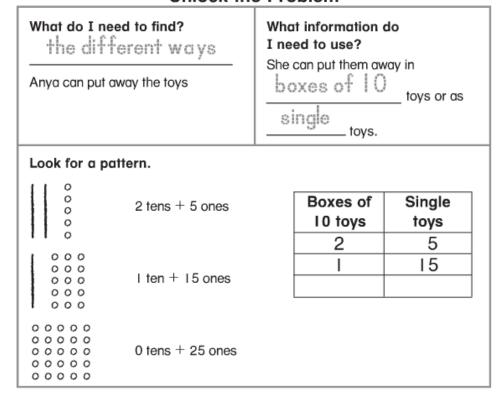
Lesson 1.7

Problem Solving • Tens and Ones

Understand place value.

Anya has 25 toys. She can put them away in boxes of 10 toys or as single toys. What are the different ways Anya can put away the toys?

Unlock the Problem



Counting Patterns Within 100

Understand place value.

You can count different ways.

Count by fives.

5, 10, 15, 20, 25, 30, 35

Count by tens.

10, 20, 30, 40, 50, 60

Lesson 1.9

Counting Patterns Within 1,000

COMMON CORE STANDARD CC.2.NBT.2

Understand place value.

You can count in different ways.

Look for a pattern to use.

Count by tens.

500, 510, 520, 530, 540, 550

Count by hundreds.

300, 400, 500, 600, 700, 800

More information on this strategy is available on Animated Math Model #6.

Vocabulary

Digits – the symbols used in a numeration system: the ten digits used in our base-ten numeration system are 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9

Even numbers – whole numbers that when divided by 2 have a quotient that is a whole number

Odd numbers – whole numbers that when divided by 2 have a quotient that is not a whole number (or have a remainder)