MathTeacherCoach.com

Math 4

1-1 Place Value of Whole Numbers

Name:		Date:	

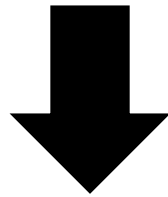|	
	CCSS.MATH.CONTENT.4.NBT.1
Common Core Standards	Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right. *For example, recognize that 700 ÷ 70 = 10 by applying concepts of place value and division*.

1-1 Place Value of Whole Numbers

Place Value

Identify:

What is the place value of the 2?
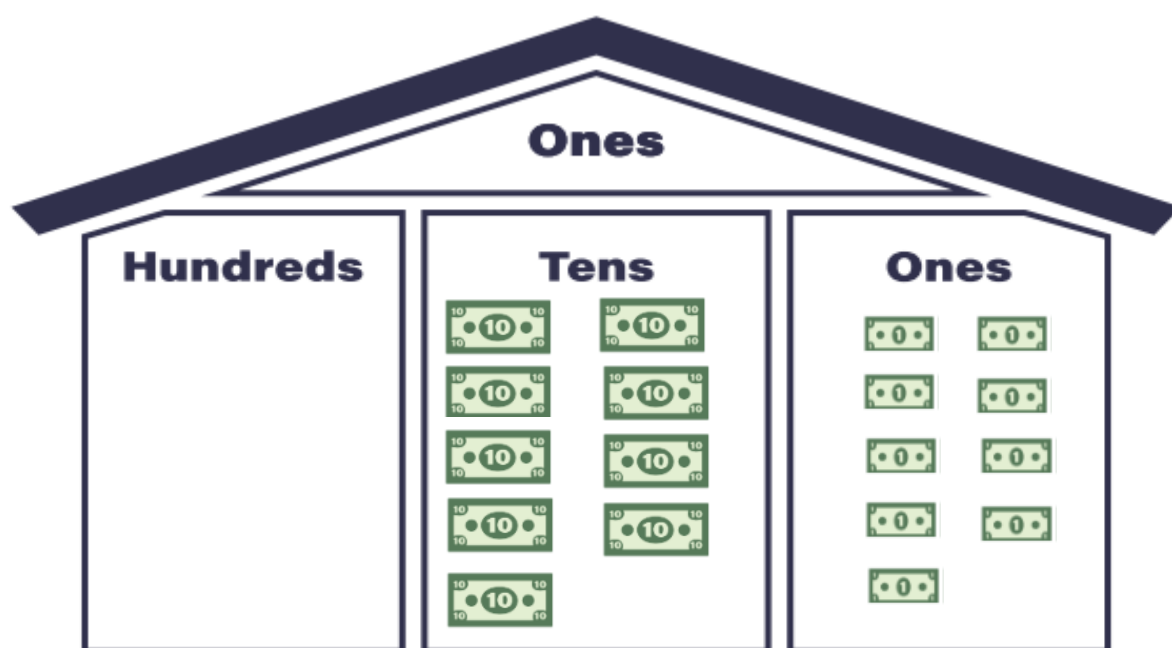
$\downarrow$

642,517

Answer: The 2 is in the thousands place.

Place Value of Whole Numbers

Situation:

Kayla has 99 dollars and her grandmother gives her 1 more dollar for her birthday.

Ones

Hundreds	Tens	Ones

Write how many dollars she has total:

$ [ ] , [ ] [ ] [ ] , [ ] [ ] [ ]

Millions | Hundred thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones

When she writes out her new total to what place value will her number go?

Part A: How many tens do you need to make a thousand?

10 tens = 1 hundred

10 hundred = 1 thousand

1 thousand = 10 hundred = how many tens?

1000 ÷ 10 = _____

Part B: Look at the zeros to find the answer.

Example 1) 50 x 20 = 1,000 because 5 x 2 = 10 and then you add the two zeros that you were left with.

Example 2) 300 ÷ 50 = 60 because 30 ÷ 5 = 6 and you're left with one extra zero to add onto the answer.

1. How many is 10 one hundreds?

$$100 \times 100$$

2. How many is 30 one thousands?

$$30 \times 1,000$$

3. How many 100s are in a hundred thousand?

$$100,000 \div 100$$

Part C: Task Cards

Match the pink card to the blue card with the correct matching phrase of the given numerical expressions.

1.
308

a.
3,000

2.
$900 \div 30$

b.
400

3.

$10 \ x \ 900$

c.

16,000

4.

$800 \ x \ 20$

d.

186 hundreds

5.

$18,600$

e.

9,000

6.

$$1,200 \div 30$$

f.

308 ones

ANSWER KEY

Situation 1   **$ 100 - One hundreds place**

    Part A: **100**

    Part B:

1.   **10,000**

2.   **30,000**

3.   **1,000**

    Part C:

   Task Cards

1.   **f.**

2.   **a.**

3.   **e.**

4.   **c.**

5.   **d.**

6.   **b.**