<u>**Aim:**</u> 1-4A I will be able to determine the place value of whole numbers!

Name _____   Date _____

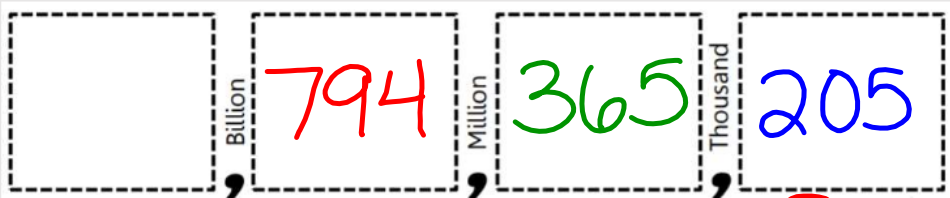Mrs. Ashley   Math 6 – Period _____

<u>**Warm-up:**</u> *Did you know that the biggest number you <u>ever</u> have to read is only 3-digits?*
*Numbers are divided into 3-digit groups called **periods**. Commas separate each period.*
*Each comma has its own special name: **thousand, million, billion, etc...***

*If you can read a 3-digit number, you can read **ANY** number!*

Read the number below (in your head) and write its name in words.
*Remember, there is no <u>**and**</u> when reading whole numbers*

205 - *Two hundred five*

	Billion		Million		Thousand	
		794		365		205

The number above is written in _**Standard Form**_,
the numerical version of a number where each number has a place value.

Hundred-Billions	Ten-Billions	Billions	Hundred-Millions	Ten-Millions	Millions	Hundred-Thousands	Ten-Thousands	Thousands	Hundreds	Tens	Ones
			7	9	4	3	6	5	2	0	5

Write the number above in 2 ways...

1) Word Form: _Seven hundred ninety-four million, three hundred sixty-five thousand, two hundred five_

2) Expanded Form: _700,000,000 + 90,000,000 + 4,000,000 + 300,000 + 60,000 + 5,000 + 200 + 5_

Tic-Tac –Toe MATH - You will complete 3 in a ROW (across) or a DIAGONAL. Write your answers in the space provided below.

Choose 3 cards. Make a 9-digit number. Write the number in **word form**.	Choose 3 cards. Make the smallest 9-digit number you can with the cards	Choose 3 cards. Make a number less than 375,000,000. If you can't, keep taking cards until you can.
Choose 2 cards. Make a 6-digit number. Write the number in **word form**.	Choose 3 cards. Make a 9-digit number. Tell the value of each 7 in the number.	Choose 2 cards. Make a 6-digit number. Write the number in **expanded form**.
Choose 4 cards. Make a 12-digit number. Write the number in word form.	Choose 4 cards. Make the largest 12-digit number you can with the cards.	CHOOSE 4 CARDS. MAKE a NUMBER BETWEEN 150,000,000,000 AND 375,000,000,000. IF YOU CAN'T, KEEP TAKING CARDS UNTIL YOU CAN.

Work Space/Answers:

Choice 1:

Choice 2:

Choice 3: