

Enrichment Packet #1

Due: Monday 9/10

NAME: _____

Changing Places

Look at the chart. Something has happened to the *place value* of each starting number. Write the part that is missing in each row. Use the sample to help you.

Mental Math

	Starting Number	Change Place	Ending Number
1.	1,426	2 tens <i>less</i>	1,406
2.	73,458	3 thousands <i>more</i>	
3.		5 ones <i>less</i>	496,350
4.	91,858		91,758
5.	8,537	6 tens <i>more</i>	
6.		4 hundred thousands <i>more</i>	754,311
7.	172,618		102,618
8.	342		9,342
9.		1 ten <i>less</i>	254,008
10.	121,021	11 tens <i>more</i>	
11.	594,637	1 ten thousand <i>more</i>	
12.		3 thousands <i>less</i>	723,432
13.	99,999		100,009

Name _____

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Puzzling Place Values

Write the missing number or word in each blank to complete each sentence.

Number Sense

1. Thirty million, three has _____ digits.
2. You need _____ digits to make a number that is 1 less than 100,000,000.
3. The value of the 7 in 427,208,311 is _____.
4. The number two million, four hundred one thousand, two has _____ digits.
5. The digits in sixty-five million, three hundred eighty-one thousand, two hundred four have a sum of _____.
6. Five hundred twenty-four million, two hundred eighty thousand, four hundred has a _____ in the ten millions place.
7. The number that is 2 more than 99,999,999 has _____ zeros.
8. In the number 304,248,168, there is a 4 in the _____ place and in the _____ place.
9. The number _____ is fifty thousand more than 15,343,014.
10. Twenty-five thousand, nine hundred eighty-one is _____ less than 25,984.

Name _____

Enrichment

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Follow the Leader

Reasoning

Find the path to the finish line. You can only travel to a greater number. You cannot move diagonally. Color the boxes as you find your way.

Start

1	0	3	17,642	7	1,543	1,727	1,848	1,603
7	10	9	183	1,572	1,600	1,847	1,849	3,722
6	26	15	205	206	955	842	763	7,026
31	49	37	207	444	701	83	8,303	8,103
62	73	112	150	35	697	98	9,265	8,100
17	59	97	3	9,621	14	19,423	15,211	12,964
12,043	703	84	12,652	30,654	7,342	19,464	1,643	1,673
1,334	945	3	7,003	632	948	21,190	23,023	25,901

Finish

