

Name: _____

Date: _____

Grade 5 Place Value Test

Learning Outcome – writes and describes whole numbers (to the millions) by converting between standard, expanded, and number word form

1) Fill in all the unnamed place values below

					ONE THOUSAND				
8	2	1	5	0	6	4	3	7	9

Use the number above to describe how much each digit is worth.

Example: 5 – the five is in the ten millions, so it is worth 50 million (ten million X 5 = 50 million)

A) 5 = _____

B) 8 = _____

C) 1 = _____

D) 9 = _____

E) 4 = _____

F) 7 = _____

G) 2 = _____

H) 6 = _____

I) 0 = _____

J) 3 = _____

Write the name of the place value each underlined number is in.

1) 48, 451 _____ 2) 590, 034 _____

3) 34, 650, 201 _____ 4) 655.2 _____

5) 432, 455 _____ 6) 322, 109, 822 _____

7) 2, 092, 432, 239 _____ 8) 54, 387, 234 _____

Write the name of the family (or period) of the underlined numbers below:

9) 732, 129, 789 _____ 10) 920, 043, 299 _____

11) 64, 201.65 _____ 12) 92, 342.91 _____

Expanded form: Change the following numbers into expanded form.

13) 8, 237 _____

14) 340, 287 _____

15) 42, 302, 528 _____

16) 400, 032, 408 _____

Ext. #1) 3, 060.23 _____

Standard form: Change the following numbers into **standard form**.

17) $30,000 + 4,000 + 100 + 20 + 3$ _____

18) $500,000 + 80,000 + 400 + 20 + 9$ _____

19) $7,000,000 + 600,000 + 3,000 + 500 + 30$

20) $500,000,000 + 40,000,000 + 2,000,000 + 40,000 + 3,000 + 500 + 7$

21) $900,000,000 + 4,000,000 + 6,000 + 50 + 4$

Extension #2) Seventy two million, Five hundred thousand, Two hundred thirty eight and thirty eight hundredths

Ext. #3) $800,000,000 + 300,000 + 600 + 70 + .6 + .002$

Please rewrite these **standard numbers** as **number words**:

22) 36, 723 _____

23) 519, 482 _____

24) 64,389,584 _____

25) 609,054,312 _____

Ext. #4) 80,401,344.39 _____

26) Alex was making eight digit numbers. He used each digit only once.
He used only these digits: **6 9 4 7 2 8 5 3**

A) What is the biggest eight digit number he could make: _____

B) What is the smallest eight digit number he could make: _____

C) List four other eight digit numbers he could have made:

D) Write all the numbers you used in A, B, and C in order from least to greatest:

1) _____ 2) _____

3) _____ 4) _____

5) _____ 6) _____

Use the digits 1 to 9. Use each digit only once.

27) Make a 7 digit number as close to 1,000,000 as possible _____

28) Make a 6 digit number as far away from 1,000,000 as possible _____