PLACE VALUE AND NUMBER FORM

STANDARD FORM

WORD FORM

EXPANDED FORM

ZAP IT!
Number Form

NUMBER FORM MATCH UP
ANSWER RECORDING SHEET

NAME _____ DATE _____

Directions: Write the letters of each word form card and expanded form card that matches the standard form card.

STANDARD	WORD	EXPANDED

ZAP IT! POINT CARDS

Cut apart Zap-It! point values. Either place in a paper bag for drawing randomly, or tape to craft sticks and place upside down in a container.

1	1	1	1	1
2			2	2
3			3	3

① Write 236,081 in

② Write the

③ Write the

④ Write the standard form of 700,000 + 8,000 + 900 + 50 + 3

Roll and Answer
Let's Identify Place Value!

Roll the dice. Find the problem next to the number value of the underlined digit and give its value. Ch... correct, circle the problem number. If it is not corre... not circle the problem number. If you roll a proble... lose your turn. The first person to circle all the pro...

2	246,59...
3	2,547,2...
4	8,652,9...
5	624,075...
6	921,08...

Standard Form is the way you write a number with the digits 0-9, using place value.

Word Form is the way you write a number using words.

Expanded Form is the way you write a number by showing the value of each digit.

two hundr...

⑪⑪ 6,000,000 + 300,000 + 4,000 + 800 + 90 + 1

Ⓑ one hundred sever... thousand, five hundr...

② 6,304,891

MATH CENTERS

CREATED BY: SHELLY REES

NUMBER FORM MATCH IT!

STANDARD FORM

WORD FORM

EXPANDED FORM

NUMBER FORM MATCH UP
ANSWER RECORDING SHEET

NAME: _____ DATE: _____

Directions: Write the letters of each word form card and expanded form card that matches the standard form card.

STANDARD	WORD	EXPANDED
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

ee
$$(6\times10^6) + (3\times10^5) + (4\times10^4) + (8\times10^3) + (9\times10^2) + (1\times10^0)$$

2
6,304,891

B
one hundred seven thousand, five hundred

bb
$$6,000,000 + 300,000 + 4,000 + 800 + 90 + 1$$

Choose from 3 types of Expanded Form.

bb
$$(6\times1,000,000) + (3\times100,000) + (4\times1,000) + (8\times100) + (9\times10) + (1\times1)$$

ZAP IT! NUMBER FORM!

ZAP IT! Sticks

ZAP IT! Number Form

1 Write 236,081 in word form.

2 Write 62,914 in expanded form.

3 Write the standard form of three hundred forty-six thousand, five.

4 Write the standard form of 700,000 + 8,000 + 900 + 50 + 3

ZAP IT! NUMBER FORM HOW TO PLAY

1. Shuffle game cards and place in a pile.

2. Determine which player goes first, then all other players go in order clockwise.

3. On your turn, draw a game card. Solve it (all players could solve it for extra practice) and give your answer. Other players check the answer, using the answer key.

4. If you are right, you get to draw a stick from the Zap It! can. If you are incorrect, you do not get to take a stick.

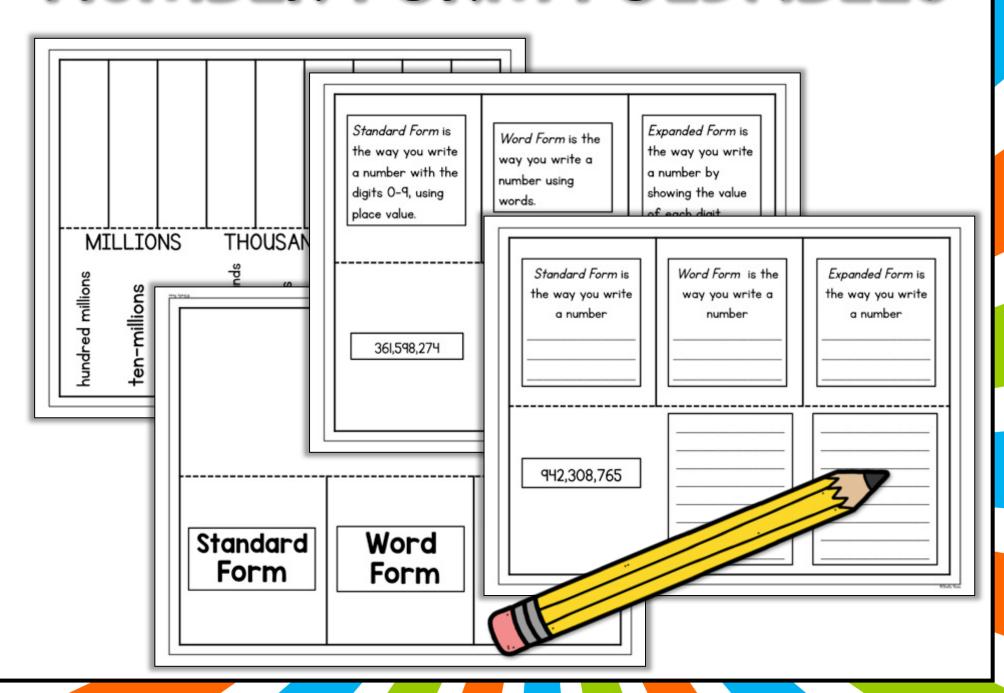5. If the stick has a number on it, you earn that many points. (Keep the stick until the end of the game.) If the stick says "Zap It!", you lose ALL your point sticks and have to put them back in the can.

ZAP IT! POINT CARDS

Cut apart Zap-It! point values. Either place in a paper bag for drawing randomly, or tape to craft sticks and place upside down in a container.

1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
1	1	1	1	1
ZAP!	ZAP!	ZAP!	ZAP!	5
4	3	2	1	5

NUMBER FORM FOLDABLES

MILLIONS   THOUSAN

hundred millions

ten-millions

Standard Form is the way you write a number with the digits 0-9, using place value.

Word Form is the way you write a number using words.

Expanded Form is the way you write a number by showing the value of each digit.

361,598,274

Standard Form is the way you write a number

Word Form is the way you write a number

Expanded Form is the way you write a number

942,308,765

Standard Form

Word Form

NUMBER FORM ROLL IT!

Roll and Answer
Let's Identify Place Value!
ANSWER KEY

Roll the dice. Find the problem next to the number you rolled. Name the place value of the underlined digit and give its value. Check with answer key. If it is correct, circle the problem number. If it is not correct, erase your answer and do not circle the problem number. If you roll a problem that is already circled, you lose your turn. The first person to circle all the problem numbers is the winner!

2	Thousands; 9,000
3	Ten thousands; 70,000
4	Ones; 4
5	Hundred millions; 600,000,0
6	Tens; 60
7	Millions; 1,000,000
8	Hundreds; 900
9	Hundred thousands; 700,0
10	Thousands; 6,000
11	Ten millions; 70,000,00
12	Hundred millions; 200,0

Roll and Answer
Let's Identify Place Value!

Roll the dice. Find the problem next to the number you rolled. Name the place value of the underlined digit and give its value. Check with answer key. If it is correct, circle the problem number. If it is not correct, erase your answer and do not circle the problem number. If you roll a problem that is already circled, you lose your turn. The first person to circle all the problem numbers is the winner!

2	246,519,012
3	2,547,368
4	8,652,904
5	624,075,389
6	921,065
7	355,008
8	
9	902,711,
10	406,872
11	178,993,654
12	268,973,051