As a class, we struggled with expanded form.

Directions

1. Write the notes below in your math notebook.
2. Solve the practice problems.
3. Use a place value chart to guide you.

Notes

Standard Form: 5, 345 (the regular way you see numbers in life)

Word Form: five thousand, three hundred forty-five (writing the number in words)

Expanded Form: 5,000 + 300 + 40 + 5 (writing each digit in the number by its value)

Ten Thousand (10,000)	Thousands (1,000)	Hundreds (100s)	Tens (10's)	Ones (1's)
	5	3	4	5

Number 5,345.45

I created my place value chart and put my number in there.

Thousands (1,000)	Hundreds (100s)	Tens (10's)	Ones (1's)	And .	Tenth 1/10	Hundredth 1/100
5	3	4	5	.	4	5

Standard Form: 5, 345.45

(the regular way you see numbers in life)

Word Form: five thousand, three hundred forty-five and forty five hundredths

(writing the number in words)

Expanded Form:

5,000 + 300 + 40 + 5 + 4 x 1/10 + 5 X 1/100

(writing each digit in the number by its value)

Practice Problems

Part A: Change the expanded form into standard form

1. $4 \times 10 + 2 \times 1 + 3 \times 1/100 =$ _____

2. $300 + 30 + 3 + 1 \times 1/10 + 6 \times 1/100$ _____

3. $2,000 + 40 + 2 + 1 \times 1/1000 =$ _____

4. $6 \times 1/10 + 5 \times 1/1000 =$ _____

5. $4 \times 10,000 + 5 \times 100 + 3 \times 10 + 4 \times 1 + 3 \times 1/100$

_____

Part B: Standard and Word Form

6. Write 4,523 in word form

_____

7. Write in standard form: Seven thousandths

_____

8. Write in Standard Form- 34 hundredths

_____

9. Write in word form 4 X 1/100 + 6 X 1/1000

_____

10. Write in standard form: three thousand, four hundred sixty-seven and four tenths

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