



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:

$$5,000 + 300 + 40 + 5 + 4 \times 1/10 + 5 \times 1/100$$

(writing each digit in the number by its value)



Practice Problems

Part A: Change the expanded form into standard form

1. $4 \times 10 + 2 \times 1 + 3 \times \frac{1}{100} =$ _____

2. $300 + 30 + 3 + 1 \times \frac{1}{10} + 6 \times \frac{1}{100}$ _____

3. $2,000 + 40 + 2 + 1 \times \frac{1}{1000} =$ _____

4. $6 \times \frac{1}{10} + 5 \times \frac{1}{1000} =$ _____

5. $4 \times 10,000 + 5 \times 100 + 3 \times 10 + 4 \times 1 + 3 \times \frac{1}{100}$

Part B: Standard and Word Form

6. Write 4,523 in word form

7. Write in standard form: Seven thousandths



Morning Work Expand Form
Ms. Kira Williams

8. Write in Standard Form- 34 hundredths

9. Write in word form $4 \times \frac{1}{100} + 6 \times \frac{1}{1000}$

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