Name _____

Expanded Notation

When you write a number using expanded notation (expanded form), you are giving a value to each digit.
When you write a number in word form you are putting the number into words.
Let's see how the number 365 looks in standard form, expanded form, and word form.

365 (standard form)
three hundred sixty-five (word form)
300+60+5 (expanded form)

Write each number in word form and in expanded form.

	Word form	Expanded form
1. 327	_____	_____
2. 907	_____	_____
3. 432	_____	_____
4. 79	_____	_____
5. 1,464	_____	_____
6. 5,701	_____	_____
7. 290	_____	_____
8. 8,042	_____	_____
9. 791	_____	_____
10. 4,444	_____	_____

You may see questions similar to these on a test.

Which of these shows 1,382 in expanded notation?	Which of the following is another way to write two thousand two hundred fifty-five?
○ **A** 1,000 + 382	○ **A** 2,522
○ **B** 1,300 + 80 + 2	○ **B** 2,255
○ **C** 1,000 + 300 + 80 +2	○ **C** 2,252
○ **D** 1,000 + 300 + 82	○ **D** 2,525

Expanded Notation

When you write a number using expanded notation (expanded form), you are giving a value to each digit.

When you write a number in word form you are putting the number into words.

Let's see how the number 365 looks in standard form, expanded form, and word form.

365 (standard form)

three hundred sixty-five (word form)

300+60+5 (expanded form)

Write each number in word form and in expanded form.

		Word form	Expanded form
1.	327	three hundred twenty-seven	300 + 20 + 7
2.	907	nine hundred seven	900 + 7
3.	432	four hundred thirty-two	400 + 30 + 2
4.	79	seventy-nine	70 + 9
5.	1,464	one thousand four hundred sixty-four	1,000 + 400 + 60 + 4
6.	5,701	five thousand seven hundred one	5,000 + 700 + 1
7.	290	two hundred ninety	200 + 90
8.	8,042	eight thousand forty-two	8,000 + 40 + 2
9.	791	seven hundred ninety-one	700 + 90 + 1
10.	4,444	four thousand four hundred forty-four	4,000 + 400 + 40 + 4

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Which of these shows 1,382 in expanded notation?	Which of the following is another way to write two thousand two hundred fifty-five?
○ **A** 1,000 + 382	○ **A** 2,522
○ **B** 1,300 + 80 + 2	⊙ **B** 2,255
⊙ **C** 1,000 + 300 + 80 +2	○ **C** 2,252
○ **D** 1,000 + 300 + 82	○ **D** 2,525