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Expanded Form Worksheets 2nd Grade

1) Write the expanded form of the following numbers.

a) $17 = \underline{\quad\quad} + \underline{\quad\quad}$

b) $48 = \underline{\quad\quad} + \underline{\quad\quad}$

2) Fill out the missing numbers.

a) $28 = \underline{\quad\quad} + 8$

b) $631 = 600 + 30 + \underline{\quad\quad}$

3) Expand the numbers in the board shown below.



4) Fill in the missing numbers by finding the expanded form.

a) $790 = 700 + \underline{\quad\quad}$

b) $4589 = 4000 + \underline{\quad\quad} + 80 + 9$

5) Find the standard form for the number given in the expanded form.

a) $200 + 50 + 3 = \underline{\quad\quad}$

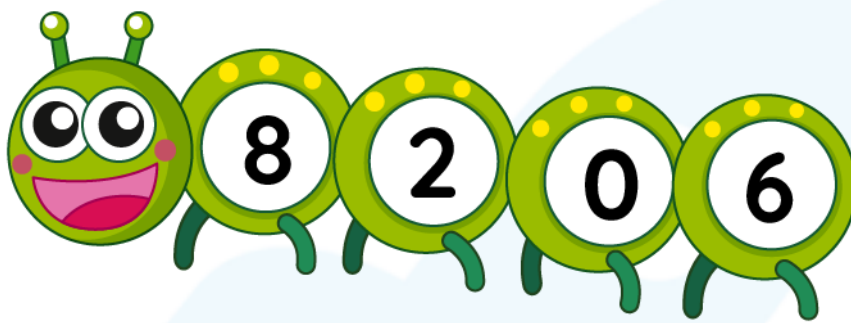
b) $6000 + 400 + 20 + 4 = \underline{\quad\quad}$

6) Write the expanded form of the following numbers.

a) 1023 –

b) 6550 –

7) Find the largest number that can be formed using the numbers shown in the worm and write its expanded form.



8) The year of Eric's birth had two thousands, no hundreds and thirteen ones. Find the year of Eric's birth and write its expanded form.



9) Write the expanded form of the following numbers given in words.

a) Six hundred and seventy-five –

b) Five thousand two hundred and forty –

10) Choose the correct option for the expanded form of the number 4505.

- a) $4000 + 500 + 5$
- b) $400 + 500 + 50 + 5$
- c) $4000 + 500 + 50 + 5$
- d) $4000 + 5$



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- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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**ANSWERS**

1)	a) $17 = 10 + 7$ b) $48 = 40 + 8$
2)	a) 20 b) 1
3)	a) $567 = 500 + 60 + 7$ b) $712 = 700 + 10 + 2$
4)	a) 90 b) 500
5)	a) 253 b) 6424
6)	a) $1023 - 1000 + 20 + 3$ b) $6550 - 6000 + 500 + 50$

7)	8620 is the number. The expanded form is $8000 + 600 + 20$
8)	2013
9)	a) $600 + 70 + 5$ b) $5000 + 200 + 40$
10)	$4000 + 500 + 5$

FUN FACT

1. Expanded form helps us to know the value of every individual digit in a number.
2. A single digit number can also be expanded and expressed as a group of ones.
3. In expanded form, we only use addition symbol between the numbers being split, whereas, in expanded notation we use multiplication and addition.

