

Get better at Math.  
Get better at  
everything.



Come experience the Cuemath methodology and ensure your child stays ahead at math this summer.



**Adaptive  
Platform**



**Interactive Visual  
Simulations**



**Personalized  
Attention**

For Grades 1 - 10



LIVE online classes  
by trained and  
certified experts.

Get the Cuemath advantage

**Book a FREE trial class**

## Expanded Form Worksheets 3<sup>rd</sup> Grade

1) Write the expanded form of the following numbers.

a)  $769 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

b)  $801 = \underline{\quad} + \underline{\quad} + \underline{\quad}$

2) Fill out the missing numbers.

a)  $698 = \underline{\quad} + 90 + 8$

b)  $780 = 700 + \underline{\quad}$

3) Expand the numbers in the board.



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

a)  $1302 = 1000 + \underline{\quad} + 2$

b)  $6720 = \underline{\quad} + 700 + \underline{\quad}$

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

a)  $7000 + 200 + 70 =$

b)  $40000 + 5000 + 300 + 10 + 6 =$

6) Write the expanded form of the following numbers.

a) 9695 -

b) 72310 -

7) Find the smallest number that can be formed using the train compartment numbers and write its expanded form.



8) There is a 5-digit number. Its units place and thousands place have the same number. It is two more than the first odd number. When the tens place number is expanded you get 70. The hundreds place number is one less than the digit in the tens place. The ten thousands place is the smallest non zero one digit number. Find the number and write its expanded form.

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

a) Eight thousand three hundred and thirteen -

b) Fourteen thousand seven hundred and fifty-six -

10) Choose the correct option for the expanded form of the number 45218.

- a)  $40000 + 5000 + 200 + 10 + 8$
- b)  $40000 + 5000 + 200 + 8$
- c)  $40000 + 5000 + 2000 + 10 + 8$
- d)  $40000 + 5000 + 200 + 8$



**When you learn math  
in an interesting way,  
you never forget.**



**25 Million**

Math classes &  
counting

**100K+**

Students learning  
Math the right way

**20+ Countries**

Present across USA, UK,  
Singapore, India, UAE & more.

## Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- 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

Get the Cuemath advantage

**Book a FREE trial class**

**ANSWERS**

|    |   |
|----|---|
| 1) | a) $769 = 700 + 60 + 9$<br>b) $801 = 800 + 1$                           |
| 2) | a) 600<br>b) 80   |
| 3) | a) $6856 = 6000 + 800 + 50 + 6$<br>b) $5669 = 5000 + 600 + 60 + 9$      |
| 4) | a) 300<br>b) 6000, 20   |
| 5) | a) 7220<br>b) 45316   |
| 6) | a) $9695 = 9000 + 600 + 90 + 5$<br>b) $72310 = 70000 + 2000 + 300 + 10$ |

|     |   |
|-----|---|
| 7)  | 14789 is the number. The expanded form is $10000 + 4000 + 700 + 80 + 9$ |
| 8)  | 13673 is the number. Expanded form is $10000 + 3000 + 600 + 70 + 3$     |
| 9)  | a) $8000 + 300 + 10 + 3$<br>b) $14000 + 700 + 50 + 6$                   |
| 10) | $40000 + 5000 + 200 + 10 + 8$   |

## FUN FACT

1. We can show the value of each digit in a number using expanded form.
2. Expanded form is used to split the number in its units, tens, hundreds and thousands form.
3. Separation of numbers based on their place values is the expanded form.

