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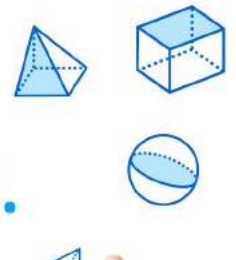

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Standard Form and Expanded Form Worksheets

1) Write the following numbers in standard form.

a) 60 + 6 =
b) 90 + 7 =

2) Help Johan complete his math homework on finding a standard form of numbers.

a) 400 + 50 + 8 =
b) 500 + 80 + 9 =

3) Write the following numbers written in words in their standard form.

a) Eight hundred eighty-two -
b) Five thousand nine hundred and seventy-three -

4) Write the following numbers in standard form.

a) (7 x 100) + (3 x10) + (5 x 1) =
b) (9 x 1000) + (1 x 100) + (6 x 10) + (4 x 1) =

5) David was taking an online test. He wrote the standard form of the number whose expanded form is as follows.

10000 + 3000 + 400 + 30 = 1343.

The answer was incorrect. Find out the correct standard form of the number.

6) Write the following numbers in expanded form.

a) 78 = _____ + _____

b) 531 = _____ + _____ + _____

7) Fill out the missing numbers to complete the expanded form.

a) 904 = _____ + 4
b) 320 = 300 + _____

8) Write the expanded form of the following numbers.

a) 1532 =
b) 33038 =

9) Find the smallest number that can be formed using the numbers on the earth worm and write its expanded form.

10) Choose the correct option for the expanded form of the number 45209.

a) 40000 + 500 + 200 + 90
b) 40000 + 5000 + 2000 + 9
c) 40000 + 5000 + 200 + 9
d) 4000 + 5000 + 200 + 10 + 9

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- Gary Schwartz

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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) 66 b) 97
2)	458 589
3)	a) 882 b) 5973
4)	a) 735 b) 9164
5)	The correct number is 13430
6)	a) 70 + 8 b) 500 + 30 + 1

7)	a) 900 b) 20
8)	a) 1532 = 1000 + 500 + 30 + 2 b) 33038 = 30000 + 3000 + 30 + 8
9)	The smallest number is 4579. The expanded form is 4000 + 500 + 70 + 9
10)	40000 + 5000 + 200 + 9

FUN FACT

1. Standard form is the normal way of writing numbers.

2. When numbers in the expanded form are added we get the standard form of a number.

3. While we write the expanded form of a number, starting from right, the place value increases as we move to the left.