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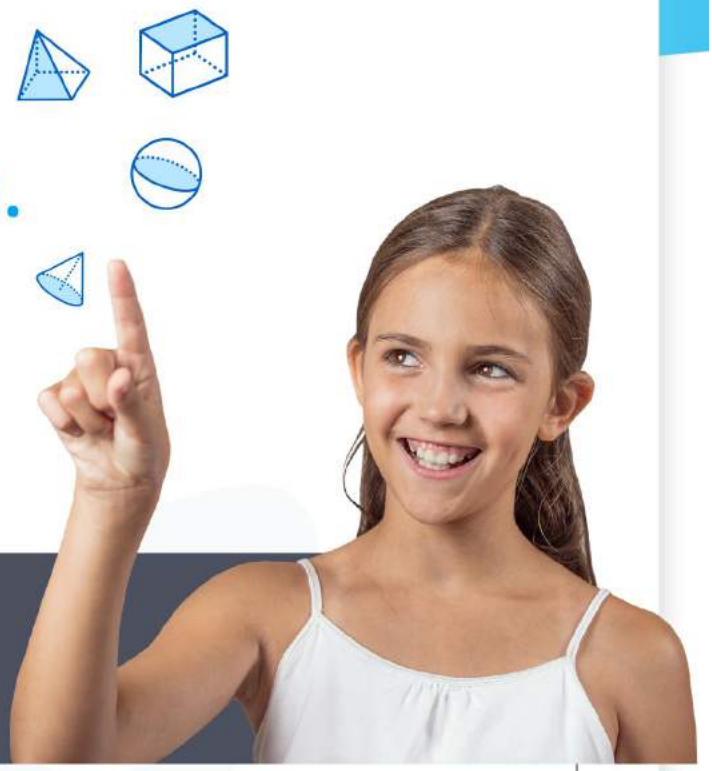

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Standard Form and Expanded Form Worksheets

1) Write the following numbers in standard form.

a) 40 + 8 =
b) 700 + 10 + 3 =

2) Help Joel complete his math assignment question on finding standard form of numbers.

a) 600 + 10 + 2 =
b) 4000 + 800 + 40 + 3 =

3) Write the following numbers written in words in their standard form.
a) One hundred fifty-three -
b) Eight thousand nine hundred and forty-three -

4) Write the following numbers in standard form.

a) (8 x 100) + (9 x 10) + (4 x 1) =
b) (3 x 1000) + (4 x 100) + (2 x 10) + (5 x 1) =

5) Mr. Smith says his number has 5 thousands, 3 hundreds, 4 tens and no ones. Mr. Henry says his number has one more thousand, 2 more hundreds, 6 tens and 3 more ones than Mr. Smith's number. Find out the numbers Mr. Smith and Mr. Henry are talking about.

6) Write the following numbers in expanded form.

a) 34 = ____ + ____

b) 574 = ____ + ____ + 4

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

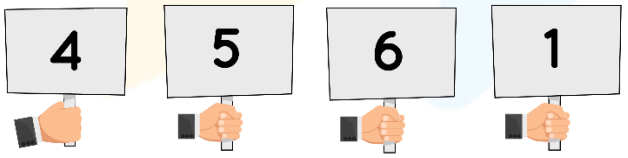
a) 784 = ____ + 80 + 4

b) 3245 = 3000 + ____ + ____ + 5

8) Write the expanded form of the following numbers,

a) 4541 =
b) 89320 =

9) Find the largest number that can be formed using the numbers shown on the cards below and write its expanded form.



10) Choose the correct option for the expanded form of the number 76452

a) 70000 + 6000 + 40 + 50 + 2
b) 70000 + 6000 + 400 + 50 + 2
c) 70000 + 6000 + 400 + 50
d) 70000 + 400 + 50 + 2

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- Barbara Cabrera

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ANSWERS

1)	a) 48 b) 713
2)	a) 612 b) 4843
3)	a) 153 b) 8943
4)	a) 894 b) 3425
5)	Mr. Smith's number: 5340 Mr. Henry's number: 6563
6)	a) 30 + 4 b) 500 + 70 + 4

7)	a) 700 b) 200, 40
8)	a) 4541 = 4000 + 500 + 40 + 1 b) 89320 = 80000 + 9000 + 300 + 20
9)	The largest number is 6541. The expanded form is 6000 + 500 + 40 + 1
10)	70000 + 6000 + 400 + 50 + 2

FUN FACT

1. While writing expanded form of a number, if a digit is 0, then its place value is counted as 0.
2. In an expanded form, the place values are arranged in the order of greatest to least.
3. An expanded form is different from an expanded notation.