

Name: Class:

Convert between standard and expanded form

1. Write **76,963,251** in expanded form?

2. Write **8,000,000 + 200,000 + 70,000 + 9,000 + 400 + 3** in standard form.

3. Write each number in standard or expanded form.

65,612 =

2,000 + 400 + 80 + 6 =

8,040,000 =

205,090 =



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Convert between standard and expanded form

1. Write **76,963,251** in expanded form?

Separate the digits with a plus sign

$$76,963,251 \quad \longrightarrow \quad 7 + 6 + 9 + 6 + 3 + 2 + 5 + 1$$

Now, let's label each digit with appropriate place value name.

$$7 + 6 + 9 + 6 + 3 + 2 + 5 + 1$$

Ones (1) place

Tens (10) place.

Hundreds (100) place

Thousands (1 000) place

Ten thousands (10 000) place

Hundred thousands (100 000) place

Millions (1 000 000) place

Ten millions (10 000 000) place

Finally, multiply each digit by its corresponding place value to have this

$$70,000,000 + 6,000,000 + 900,000 + 60,000 + 3,000 + 200 + 50 + 1$$

2. Write **8,000,000 + 200,000 + 70,000 + 9,000 + 400 + 3** in standard form.We have **8,279,403**

3. Write each number in standard or expanded form.

$$65,612 = 60,000 + 5,000 + 600 + 10 + 2$$

$$2,000 + 400 + 80 + 6 = 2,486$$

$$8,040,000 = 8,000,000 + 40,000$$

$$205,090 = 200,000 + 5,000 + 90$$

