



1,247,350,000 → One billion, two hundred forty-seven million, three hundred fifty thousand

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- EXPANDED NOTATION: a number that shows each digit being multiplied by its place value  
\*REMEMBER: do not represent zeros!!!

1,247,350,000 → (1x1,000,000,000) + (2x100,000,000) + (4x10,000,000) + (7x1,000,000) + (3x100,000) + (5x10,000)

- EXPANDED FORM: a number that shows the value of each digit

\*Expanded form is what occurs AFTER expanded notation has been multiplied.

\*REMEMBER: do not represent zeros!!!

1,247,350,000 → 1,000,000,000 + 200,000,000 + 40,000,000 + 7,000,000 + 300,000 + 50,000

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## HOW DO I FIND THE VALUE OF A DIGIT?

### ONE WAY:

\*Multiply the digit by its place value

1,247,350,000

$4 \times 10,000,000 = 40,000,000$

40,000,00

or

40 million

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### ANOTHER WAY:

1. Write the digit.

2. All digits behind turn to

zeros.

1,247,350,000

▼▼▼▼▼▼▼▼  
200,000,000

200,000,000

or

200 million

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