

Expanded form

Expanded Form is simply writing a number and showing the value of each digit. In the expanded form, we break up a number according to their place value and expand it to show the value of each digit. We can do this with tens and ones.

For example:

47 = 4 tens and 7 ones

Tens	Ones
4	7

This when written in Expanded Form will look like this:

47 = 4 tens and 7 ones

4 tens = 40

7 ones = 7

47 = 40 + 7

Do the expanded notation of the numbers below, in your books. 1 is done for you.

1. 68 = 6 tens and 8 ones

$$68 = 60 + 8$$

2. 34 = _____ tens and _____ ones

$$34 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

3. 72 = _____ tens and _____ ones

$$72 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

4. 99 = _____ tens and _____ ones

$$99 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

5. $16 = \underline{\hspace{2cm}}$ tens and $\underline{\hspace{2cm}}$ ones

$$16 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

Write the numbers of the expanded forms below.

Example:

1. Four tens and two ones = 42

$$\underline{40} + \underline{2} = 42$$

2. Nine tens and one ones =

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} =$$

3. Seven tens and 7 ones =

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} =$$

4. Three tens and zero ones =

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} =$$

5. One ten and eight ones =

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} =$$