Expressions and Numbers

"4 threes" is _not_ a number.
"4 threes" is an _expression_.
"4 threes" means 4 x 3.
(4 x 3) is _not_ a number.
(4 x 3) is an _expression_.
(4 x 3) = 12.
12 <u>is</u> a number.

The **value** of an expression is the <u>_number_</u> that the expression is equal to.
The value of the expression "4 threes" is 12.
The value of the expression (4 x 3) is 12.

The value of the expression "4 threes" is _the same as_ the value of the expression (4x3). The value of each expression is 12.

5 tens is <u>_not_</u> a number.
5 tens is an expression.
5 tens stands for (5 x 10).
(5 x 10) is _not_ a number.
(5 x 10) is an expression.
5 x 10 = 50.
50 _is_ a number.

The value of "5 tens" is the <u>_number_</u> that "5 tens" is equal to.
The value of "5 tens" is the _number_ 50.

   1. Circle the expressions and <u>underline</u> the numbers:

2 x 8   13   9 x 100

16   10   80

4 tens   7 x 10   8 tens

6 hundreds   6 ones   8 x 10

2. What is the _value_ of the following expressions?—(R*emember* that the _value_ of an expression is the <u>number</u> that the expression is equal to.)

2 x 4	6 tens	3 threes
5 x 3	5 threes	4 hundreds
2 x 100	2 hundreds	9 tens
1 x 1000	1 thousand	2 fours
7 x 1	7 ones	3 x 3

In the number 358, the digit 3 stands for 3 hundreds.
3 hundreds is an expression.
3 hundreds *means* 3 x 100.
3 x 100 is an expression.
3 x 100 = 300
300 is a number.
The value of 3 x 100 is 300.
The value of 3 hundreds is 300.
The value of the digit 3 in the number 358 is 300.

3. The digit 5 in 358 stands for 5 tens.

   What is the value of 5 tens? _____

   What is the value of the digit 5 in the number 3<u>5</u>8? _____

4. What is the value of the digit 8 in the number 35<u>8</u>? (your answer should be a *number*)

5. What is the value of the digit 7 in the number <u>7</u>92? (your answer should be a *number*)