Compact Multiplication (X)

Multiplication Compact Method

Step 1

5 1 3 x 7 =

Set the sum out in columns

```
    5 1 3
x       7
-------
```

Multiplication Compact Method

Step 2

```
    5 1 3
x       7
-------
```

Starting with the unit column, multiply the units digit with the number you are multiplying by

Multiplication Compact Method

Step 3

```
    5 1 3
x       7
-------
      1
-------
    2
```

3x7=21
1 stays in the unit column
2 (20) is carried over to the tens column

Multiplication Compact Method

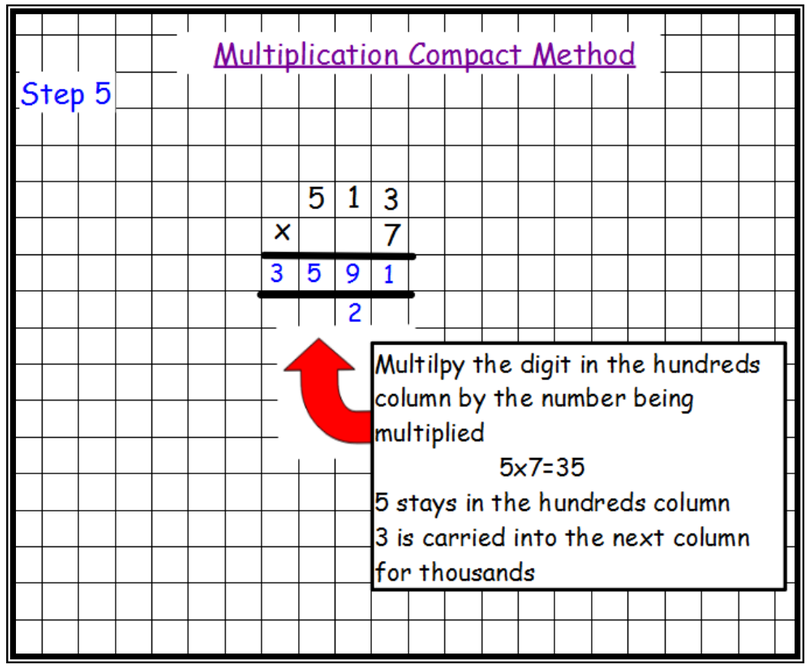
Step 4

```
    5 1 3
x       7
-------
    9 1
-------
  2
```

Multilpy the digit in the tens column by the number being multiplied

1x7=7

Add the answer and the number carried over

7+2

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