Multiplying a two-digit number by a two-digit number
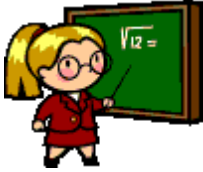
> Write the sum out correctly
> Units above the units column
> Tens above the tens column

Step 1

```
   24
  x34
  9₁6
```

Multiply by the units first
4x4 =16
Write the 6 under the units
Carry 1 ten underneath
Multiply the tens
4x2=8
Add the one carried over
8 + 1 = 9

Step 2

```
   24
  x34
  9₁6
 7₁2 0
```

Write 0 under the units column to show you are multiplying by 10

Then carry on as above
3x4=12
Write down the 2
Carry 1 underneath

3x2=6
Add the 1 =7

Step 3

```
    24
   X34
   9₁6
 +7₁2 0
  8 1 6
    1
```

Finally add the 2 numbers together

Some children prefer to carry numbers above the line. Any method is correct and children can choose to layout their sums using this method if they find it easier.