MATHSFRAME.co.uk

multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers

1 235 x 26 =

```
        2  3  5
    x      2  6
    _____
                   (235 x 6)
                0  (235 x 20)
    _____

    _____
```

2 412 x 38 =

```
        4  1  2
    x      3  8
    _____
                   (412 x 8)
                0  (412 x 30)
    _____
```

3 2,563 x 14 =

```
     2  5  6  3
x          1  4
_____
                  (2563 x 4)
             0    (2563 x 10)
_____

_____
```

4 4,709 x 43 =

```
     4  7  0  9
x          4  3
_____

_____

_____
```

5 7,258 x 62 =

```
     7  2  5  8
x          6  2
_____

_____

_____
```

6 5,197 x 38 =

```
     5  1  9  7
x          3  8
_____

_____

_____
```

7 3,074 x 27 =

```
x
_____

_____

_____
```

8 8,206 x 45 =

```
x
_____

_____

_____
```

multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers

1 235 x 26 =

			2	3	5
		x		2	6
					0	(235 x 20)
						(235 x 6)

2 412 x 38 =

			4	1	2
		x		3	8
					0	(412 x 30)
						(412 x 8)

3 2,563 x 14 =

	2	5	6	3
x			1	4
				0	(2563 x 10)
					(2563 x 4)

4 4,709 x 43 =

	4	7	0	9
x			4	3

5 7,258 x 62 =

	7	2	5	8
x			6	2

6 5,197 x 38 =

	5	1	9	7
x			3	8

7 3,074 x 27 =

x				

8 8,206 x 45 =

x				

MATHSFRAME.co.uk

L.O. multiply numbers up to 4 digits by a two-digit number using a formal written method of long multiplication

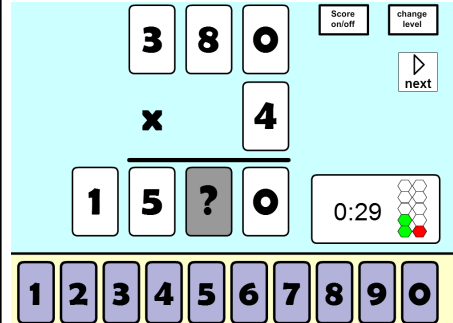**Teacher's notes**

Please note - Page 2 is the same but the multiples of 10 are multiplied first.

Useful interactive games to teach the skills needed for using a formal written method of multiplication:
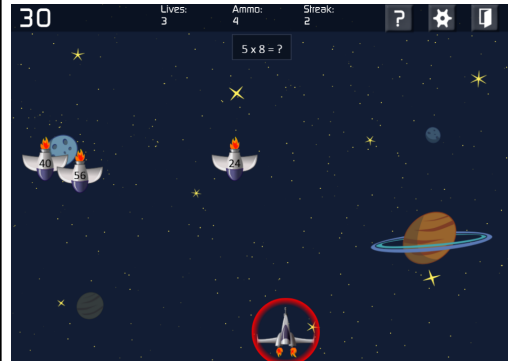
http://mathsframe.co.uk/en/resources/resource/105/missing_digits_multiplication

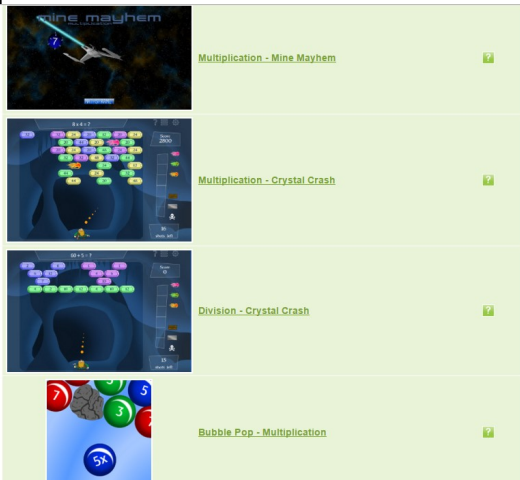Drag the correct digit to complete the multiplication.

http://mathsframe.co.uk/en/resources/resource/292/Montys_Maths_Wall

Choose which multiplication table(s) you would like to practise and help Monty direct the falling bricks to the correct place.

http://mathsframe.co.uk/en/resources/resource/289/KS2_Maths_Invaders

Choose which multiplication table(s) you would like to practise and shoot the spaceships with the correct answer.

http://mathsframe.co.uk/en/resources/category/7/multiplication_and_division

Dozens of games to practise times tables.

Multiplication - Mine Mayhem

Multiplication - Crystal Crash

Division - Crystal Crash

Bubble Pop - Multiplication

Answers:
1) 6,110	2) 15,656	3) 35,882	4) 202,487	5) 449,996
6) 197,486	7) 82,998	8) 369,270		