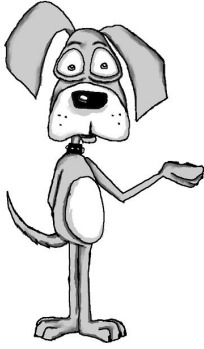


Multiplication of up to 3 digits by 1 digit

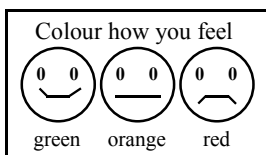
Before you can do this work you must know your tables !! If you are unsure about them then get the tables square from the Teachers' Resources Section.

7	_____
4	_____
12	_____
x 8	_____
15	_____
20	_____
50	_____

4	_____
9	_____
30	_____
x 3	_____
25	_____
50	_____
80	_____

9	_____
5	_____
12	_____
x 5	_____
50	_____
30	_____
90	_____

6	_____
10	_____
20	_____
x 7	_____
40	_____
60	_____
200	_____



Multiplication of up to 3 digits by 1 digit

I'll just hang around here while you do some more sums !

7		_____
9		_____
12		_____
	x 4	_____
15		_____
20		_____
60		_____

4		_____
3		_____
30		_____
	x 9	_____
60		_____
50		_____
100		_____

8		_____
5		_____
12		_____
	x 6	_____
50		_____
30		_____
80		_____

16		_____
40		_____
50		_____
	x 2	_____
400		_____
300		_____
600		_____

Colour how you feel

green	orange	red

Multiplication of up to 3 digits by 1 digit

Here are some quick sums for you to try.
 The sums below the box are a bit tricky!
 The first one is done for you. See how the 37
 is split into tens and units : 30 and 7



$10 \times 4 =$	$20 \times 8 =$	$30 \times 3 =$
$60 \times 7 =$	$50 \times 6 =$	$40 \times 10 =$
$80 \times 2 =$	$90 \times 3 =$	$50 \times 9 =$
$70 \times 4 =$	$60 \times 5 =$	$20 \times 6 =$

Example

37
<u>x 6</u>
42 ← 6 x 7
<u>180</u> ← 6 x 30
222

$$\begin{array}{r} 45 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ \times 8 \\ \hline \end{array}$$

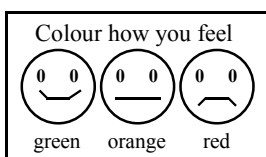
$$\begin{array}{r} 95 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times 4 \\ \hline \end{array}$$



Multiplication of up to 3 digits by 1 digit

I'll just relax while you do these sums !

Look at the example below to see how 237 has been split into $200 + 30 + 7$



$100 \times 4 =$

$20 \times 6 =$

$300 \times 7 =$

$60 \times 5 =$

$500 \times 6 =$

$40 \times 5 =$

$800 \times 2 =$

$40 \times 3 =$

$500 \times 5 =$

$70 \times 8 =$

$600 \times 6 =$

$20 \times 9 =$

Example

$$\begin{array}{r} 237 \\ \times 6 \\ \hline 42 \leftarrow 6 \times 7 \\ 180 \leftarrow 6 \times 30 \\ \underline{1200} \leftarrow 6 \times 200 \\ 1422 \end{array}$$

$$\begin{array}{r} 43 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 538 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 322 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 852 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 539 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ \times 8 \\ \hline \end{array}$$

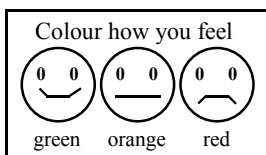
$$\begin{array}{r} 35 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 734 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 268 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 719 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 461 \\ \times 9 \\ \hline \end{array}$$



Multiplication of up to 3 digits by 1 digit



Can you solve these shopping problems ?



38p each



86p each



62p for 6



55p a bunch



£1.25 a kilo



£2.19 a bunch



79p a packet



£1.20 a bunch

1/ I'm making carrot soup so I want 6 bunches of carrots, how much will they cost ?

2/ How much will 5 kilos of apples cost ?

3/ What is the total of 2 loaves of bread and 4 lettuces ?

4/ I'm having a coffee morning and I need 8 packets of biscuits , how much will they cost ?

5/ How much will 5 dozen eggs cost ?

6/ How much change do I get from £10 if I buy 8 bunches of bananas ?

7/ How much change do I get from £20 if I buy 6 bunches of grapes ?

8/ Here is my shopping list : *2 loaves of bread, 3 dozen eggs, 2 packets of biscuits, 3 bunches of carrots and 3 bunches of grapes*

How much is the total cost ?

How change do you get for £50 ?

Working Out

Colour how you feel

green	orange	red

Multiplication of up to 3 digits by 1 digit



You do the shopping while I have a kip !



43p each



78p each



59p for 6



46p a bunch



£1.17 a kilo



£2.29 a bunch



88p a packet



£1.07 a bunch

Here is my shopping list :

2 packets of biscuits

3 loaves of bread

4 bunches of carrots

3 dozen eggs

5 lettuces

8 bunches of bananas

5 bunches of grapes

3 kilos of apples

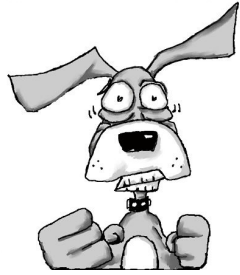
Total Cost

Change from £50

Working Out

Colour how you feel

green	orange	red

Multiplication of up to 3 digits by 1 digit

Test ?.... who said something
about a TEST !!!!!

$6 \times 9 =$

$8 \times 4 =$

$10 \times 9 =$

$15 \times 3 =$

$20 \times 7 =$

$50 \times 8 =$

$30 \times 4 =$

$80 \times 6 =$

$200 \times 7 =$

$700 \times 3 =$

$550 \times 2 =$

$300 \times 8 =$

$$\begin{array}{r} 45 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 261 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 725 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 492 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 256 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 539 \\ \times 5 \\ \hline \end{array}$$

- 1/ There are 24 chocolates in a box, how many are there in 8 boxes ? _____
- 2/ If 56 people can get onto one double-decker bus how many can get onto 6 buses ? _____
- 3/ There are 458 sprouts in a box , how many sprouts are there in 4 boxes ? _____
- 4/ In a school 392 pupils each saved £5, how much did they save altogether ? _____
- 5/ An egg costs 7p. If there are 12 eggs in a box and 10 boxes in a crate, how much do 9 crates cost ? _____

