

Hello again Year 4,

I hope you are all well.

Looking out of my window, it looks very chilly today. I will have to wrap up warm when I go for a walk later!

I hope you have been managing to get out for a bit of fresh air.

This week we are going to continue our work on multiplication.

From,

Mrs Yeandle

Jan 8-11:25

LI: To multiply 2-digits by 1 digit

There are 22 players in a football match. If there are 3 matches, how many players are there?

We can highlight the important information in the problem. Then decide what calculation is needed. This problem needs us to work out 22×3 .

I might decide to use Base 10 to work out the answer.

T	O
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$60 + 6 = 66$

Or I might use the expanded column method.

$$\begin{array}{r}
 22 \\
 \times 3 \\
 \hline
 66 \\
 60 \\
 \hline
 66
 \end{array}$$

(2 X 3)
(20 X 3)

Or I may use the contracted column method.

$$\begin{array}{r}
 22 \\
 \times 3 \\
 \hline
 66
 \end{array}$$

(2 tens X 3 = 6 tens, so we put 6 in the tens column)
(2 ones X 3 = 6 ones, so we put 6 in the ones column)

Jan 8-11:24

I want to work out

$$42 \times 2$$

Again, I can use a choice
of methods

T	O
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$$80 + 4 = 84$$

$$\begin{array}{r}
 42 \\
 \times 2 \\
 \hline
 4 \quad (2 \times 2) \\
 80 \quad (40 \times 2) \\
 \hline
 84
 \end{array}$$

$$\begin{array}{r}
 42 \\
 \times 2 \\
 \hline
 84
 \end{array}$$

(4 tens \times 2
is 8 tens)
(2 ones \times 2
is 4 ones)

Jan 8-11:45

Use 2 of the methods from the previous slides to show me how
you would work out;

$$21 \times 4$$

Jan 8-11:52

Use 2 of the methods from the previous slides to show me how you would work out;

$$32 \times 3$$

Jan 8-11:52

Look at this calculation.

$$25 \times 3$$

T	O

There are 15 ones.

I will need to exchange ten ones for an extra ten.

T	O

	5

$$70 + 5 = 75$$

In expanded column method, it would look like this;

$$\begin{array}{r} 25 \\ \times 3 \\ \hline 75 \\ \hline \end{array}$$

(5 X 3)
(20 X 3)

In the contracted column method, it would look like this;

$$\begin{array}{r} 25 \\ \times 3 \\ \hline 75 \\ \hline \end{array}$$

(2 tens X 3 is 6 tens, plus the extra ten, gives us 7 tens)

5 X 3 = 15
(Put the 5 in the ones column and carry the ten underneath.)

Jan 8-11:55

Use 2 of the methods from the previous slides to show me how you would work out;

$$23 \times 4$$

Jan 8-11:52

Use 2 of the methods from the previous slides to show me how you would work out;

$$36 \times 2$$

Jan 8-11:52

Alex completes the calculation:

$$43 \times 2$$

Can you spot her mistake?

	T	O
	4	3
×		2
		6
+		8
	1	4

Teddy completes the same calculation as Alex.

Can you spot and explain his mistake?

	T	O
	4	3
×		2
8	0	6

Jan 8-12:07

Here are three incorrect multiplications.

	T	O
	6	1
×		5
	3	5

	T	O
	7	4
×		7
4	9	8

	T	O
	2	6
×		4
8	2	4

Correct the multiplications.

Jan 8-12:08

See if you can work your way through the examples and questions.

*If you have a way of uploading your work, then you can email it to
LKS2parents@epcollier.reading.sch.uk*

*If you can put in the subject bar your name and work for Mrs Yeandle - I should
be able to access it!*

*If you are not able to do this but can print off your work, then it would be great
to see it when you return to school.*

Thank you Year 4,

Happy New Year

From Mrs Yeandle

Jan 8-12:09

Jan 13-10:13