How could I list the multiples of 34?

Partitioning

$$\begin{array}{r} 3\ \ 4 \\ 3\ 0 + 4 = 3\ \ 4 \\ 6\ 0 + 8 = 6\ \ 8 \end{array}$$

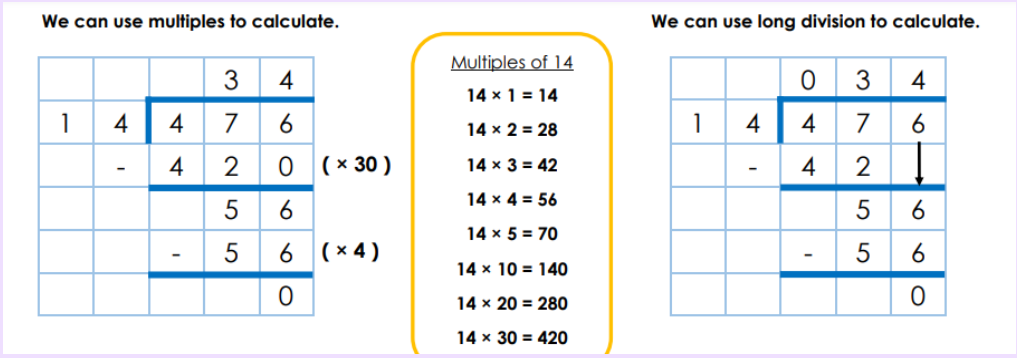
Repeated Addition

$$\begin{array}{r} 3\ \ 4 \\ +\ 3\ \ 4 \\ \hline 6\ \ 8 \end{array}$$

If I know ..., then I know?

List 9 multiples of each number

1) 18 2) 23 3) 45 4) 63



Today we are going to look at two methods.

Discuss

LO: to divide (long)

https://whiterosemaths.com/homelearning/year-6/week-5/

903 ÷ 43 =

```
      43
     x86
    ----
     129
    172
    ---
    215
    258
    ---
    301
    344
    387
    ---
```

https://www.youtube.com/watch?v=7QXMwftxx98



LO: to divide (long)

Same question different method.

903 ÷ 43 =

```
      4 3
      8 6
  1 2 9
  1 7 2
    2 1 5
    2 5 8
    3 0 1
    3 4 4
    3 8 7
```

LO: to divide (long)

736 ÷ 23 =

23
46
69
92
115
138
161
184
207

LO: to divide (long)

4 3 2 ÷ 2 4 =

LO: to divide (long)

we do

Use both these methods to try-

765 ÷ 17 450 ÷ 15

you do

LO: to divide (long)

On the large sheet of paper, complete the long division questions with your partner.

667 ÷ 23 =

928 ÷ 32 =

832 ÷ 16 =

1482 ÷ 26 =

2375 ÷ 19 =

4928 ÷ 44 =

6909 ÷ 47 =

Odd One Out

Which is the odd one out?
Explain your answer.

$512 \div 16$

$672 \div 21$

$792 \div 24$

Spot the Mistake

$855 \div 15 =$

		0	5	1	0	
1	5	8	5	5		
	−	7	5		(×4)	
		1	0	5		
	−	1	0	5	(×10)	
				0		