

Watch this first:

$$330 \div 3 = 110$$

$$100 \times 3 = 300 - 100 \times 3 = 30$$

Division Using the Chunking Method by 1-Digit Number

$$156 \div 9 = 17 \text{ r } 3$$

Write in the division format:

Use known multiplication facts:

$$= 10 \times 9$$

subtract

66

Use known facts:

$$=5\times9$$

subtract

21

Use known facts:

$$=2\times9$$

subtract

3

Add number of times the divisor has been used:

 $= 17 \times 9$

Now it's your turn:

- 1. Use the chunking method
- 2. Remember to show your working out
- 3. Don't forget to add together the number of times you use the divisor at the end for your answer!

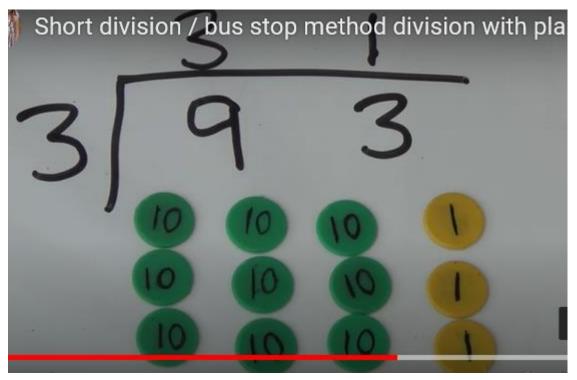
Mild	Spicy	Hot
69 ÷ 3	150 ÷ 6	231 ÷ 7
100 ÷ 4	145 ÷ 5	288 ÷ 9
140 ÷ 5	192 ÷ 6	280 ÷ 8
87 ÷ 3	132 ÷ 4	252 ÷ 7
112 ÷ 4	224 ÷ 8	324 ÷ 9
110 ÷ 5	204 ÷ 6	304 ÷ 8
96 ÷ 4	272 ÷ 8	333 ÷ 9
81 ÷ 3	140 ÷ 4	273 ÷ 7

Did you notice the example we gave you had a remainder. That's because 156 does not divide equally by 9. There is a remainder of 3 (or 3 left over). Try these questions. They have remainders too.

Mild	Spicy	Hot
71 ÷ 3	170 ÷ 6	235 ÷ 7
132 ÷ 5	163 ÷ 5	293 ÷ 9
97 ÷ 4	172 ÷ 6	284 ÷ 8
85 ÷ 3	138 ÷ 4	208 ÷ 7
102 ÷ 4	121 ÷ 8	330 ÷ 9
143 ÷ 5	200 ÷ 6	258 ÷ 8
117 ÷ 4	275 ÷ 8	293 ÷ 9
89 ÷ 3	119 ÷ 4	256 ÷ 7

After you've watched the video about bus stop division, use this method to work out these questions. You could use little pieces of paper to make your own place value counters.





- 1. So this time we need to organise the place value counters into groups of the number we are dividing (the divisor). In this case, it's 3.
- 2. Our 93 counters are grouped into: 3 groups of 10 (30 + 30 + 30) and 1 group of 3 (1 + 1 + 1)
- 3. So our answer is 30 + 1 = 31

Use your place value counters to work out these questions:

c) Complete the divis

d) Use place value counters to complete the divisions.

What do you notice?

Complete the divisions.

Dora has been working out some divisions.

$$72 \div 4 = 18$$

$$73 \div 4 = 18 \text{ r1}$$

$$74 \div 4 = 18 \text{ r}2$$

$$75 \div 4 = 18 \text{ r}3$$



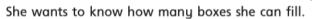
I know without working it out that 76 ÷ 4 must be 18 r4

 a) Why does Dora think this 	a)	Why	does	Dora	think	this
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(c	Explain	whu	Dora	is	wrong.

Eggs come in boxes of 6

Annie has 75 eggs.

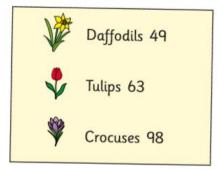


a) Complete the division to work it out.

b)	What does	the remainder	represent?
	Talk about	t it with a partr	ner.

V.555		
Annie can fill	boxes with	eggs left over

Jack has these bulbs.



Equal numbers of each bulb are put into 4 tubs.

How many of each bulb will be in each tub?

Dattoalls	Tulip	os	Crocuses
How many	of each bulb	will be left o	ver?

Daffodils	Tulips	Crocuses	\neg
Darrodis	Tulips	Crocuses	

How many tubs could Jack use so that there are no bulbs left over?