

Select an appropriate challenge. For each colour challenge, use the method shown on the other presentation.

Draw a place value grid and draw the tens and ones counters.	Draw a place value grid and tens and ones counters. Exchange one tens counter for ten ones counters.	Use short division (bus stop method). Remember to put a remainder if necessary.
$24 \div 2$	$30 \div 2$	$39 \div 3$
$33 \div 3$	$34 \div 2$	$48 \div 4$
$28 \div 2$	$42 \div 3$	$45 \div 3$
$44 \div 4$	$52 \div 4$	$56 \div 4$
$36 \div 3$	$38 \div 2$	$75 \div 5$
$42 \div 2$	$65 \div 5$	$96 \div 8$

Select an appropriate challenge. For each colour challenge, use the method shown on the other presentation.

Draw a place value grid and draw the tens and ones counters.	Draw a place value grid and tens and ones counters. Exchange one tens counter for ten ones counters.	Use short division (bus stop method). Remember to put a remainder if necessary.
$24 \div 2 = 12$	$30 \div 2 = 15$	$39 \div 3 = 13$
$33 \div 3 = 11$	$34 \div 2 = 17$	$48 \div 4 = 12$
$28 \div 2 = 14$	$42 \div 3 = 14$	$45 \div 3 = 15$
$44 \div 4 = 11$	$52 \div 4 = 13$	$56 \div 4 = 14$
$36 \div 3 = 12$	$38 \div 2 = 19$	$75 \div 5 = 15$
$42 \div 2 = 21$	$65 \div 5 = 13$	$96 \div 8 = 12$

Optional extra tasks:

Teddy answers the question $44 \div 4$ using place value counters.



Tens	Ones
	
	

Is he correct?

Explain your reasoning.

Optional extra tasks:

True or false?
If the number below is divided by 2, the answer will be 36.

10

10

10

1

1

1

10

10

10

1

1

1

Optional extra tasks:

Alex uses place value counters to help her calculate $63 \div 3$



Tens	Ones
10	10 1
10	10 1
10	10 1

She gets an answer of 12
Is she correct?

Optional extra tasks:

Use the clues to work out Edgar's number.

I am thinking of a number.

When I divide my number by 3,
I get the answer 22.

What is my number?

