21.01.21

IALT: correspondence problems.

9 X 3 =

9 x 7 =

__ x 9 = 9

___ x 9 = 45

___ x 9 = 63

___ x 9 = 90

27 ÷ 9 =

18 ÷ 9 =

99 ÷ 9 =

83 ÷ 9 =

0 ÷ 9 =

Challenge:

1 What are the missing digits?

https://www.topmarks.co.uk/maths-games/daily10

21.01.21

IALT: correspondence problems.

9 X 3 =	27
9 x 7 =	63
__ x 9 = 9	1
___ x 9 = 45	5
___ x 9 = 63	7
___ x 9 = 90	10
27 ÷ 9 =	3
18 ÷ 9 =	2
99 ÷ 9 =	11
83 ÷ 9 =	9
0 ÷ 9 =	0

Challenge:

1 What are the missing digits?

3	6	+	7	5	=	1	1	1

https://www.topmarks.co.uk/maths-games/daily10

Daily Counting

8

6

7

Leanna solves 84 ÷ 7 like this.

$70 \div 7 = 10$

TENS	ONES
10	
10	
10	
10	
10	
10	
10	

2. One tens and four ones left..

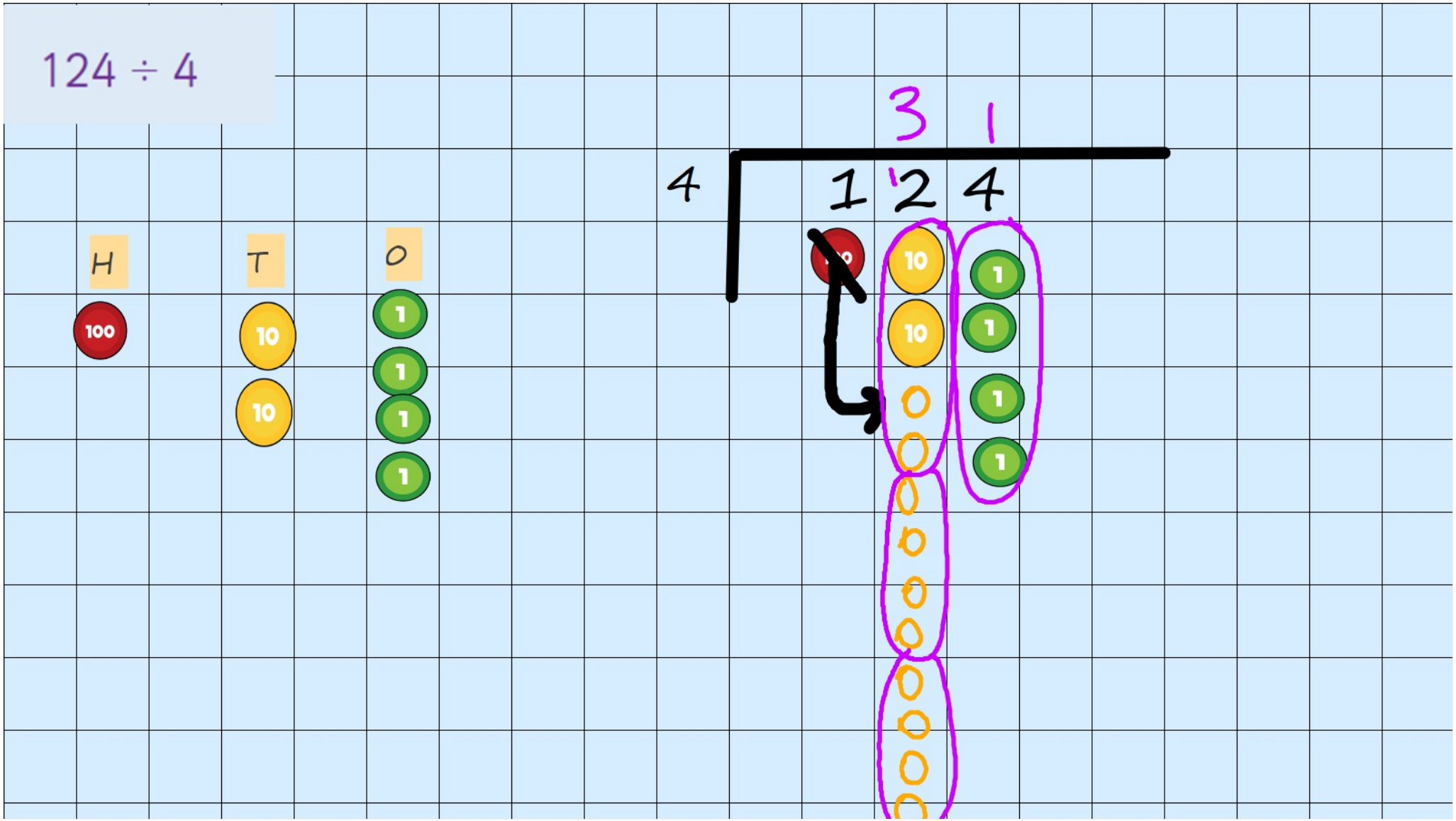
We move the 10 across to the ones.

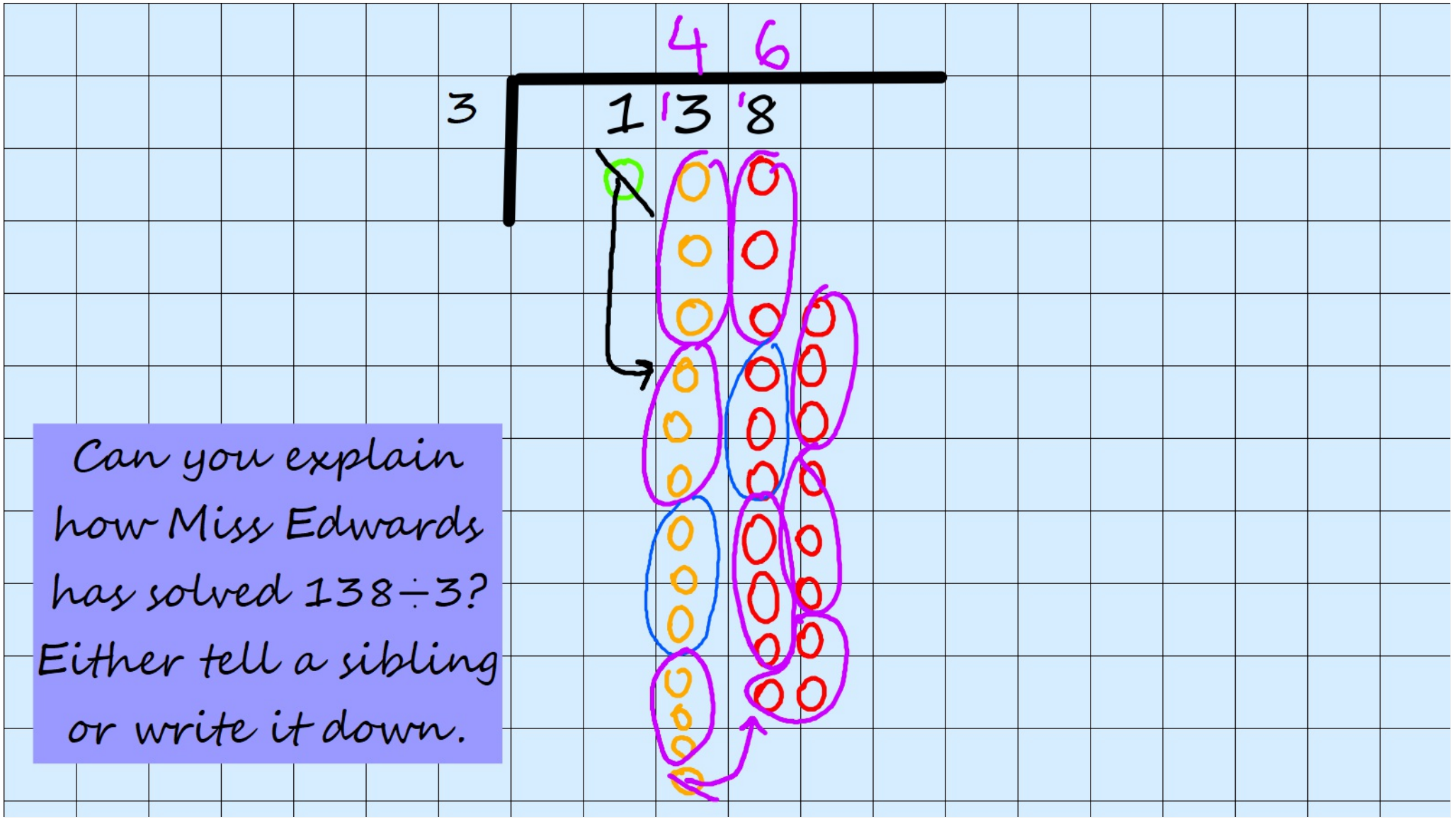
How many groups can I make with the ones?

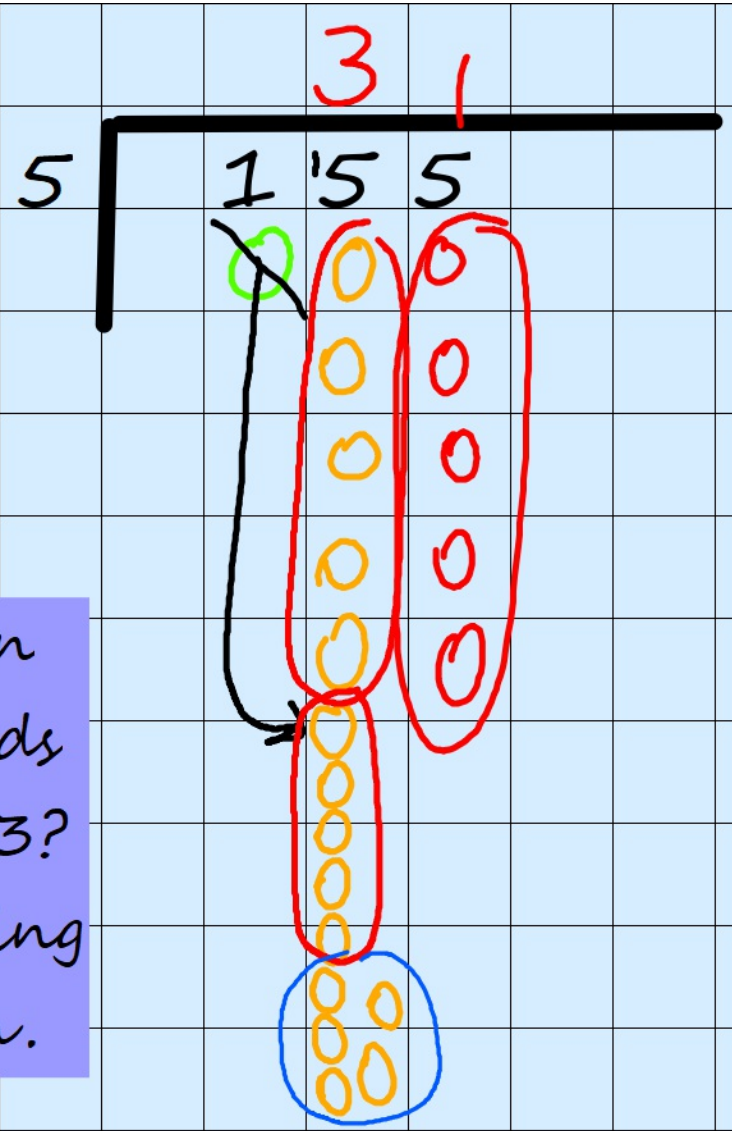
$10 + 2 = 12$

3. Exchange for 10 ones add remaining 4 ones.

$14 \div 7 = 2$


124 ÷ 4
H
T
O
100
10
10
1
1
1
1
3
1
4
1
2
4
10
10
1
1
1
1


4 6
3
1 3 8
Can you explain how Miss Edwards has solved 138÷3? Either tell a sibling or write it down.



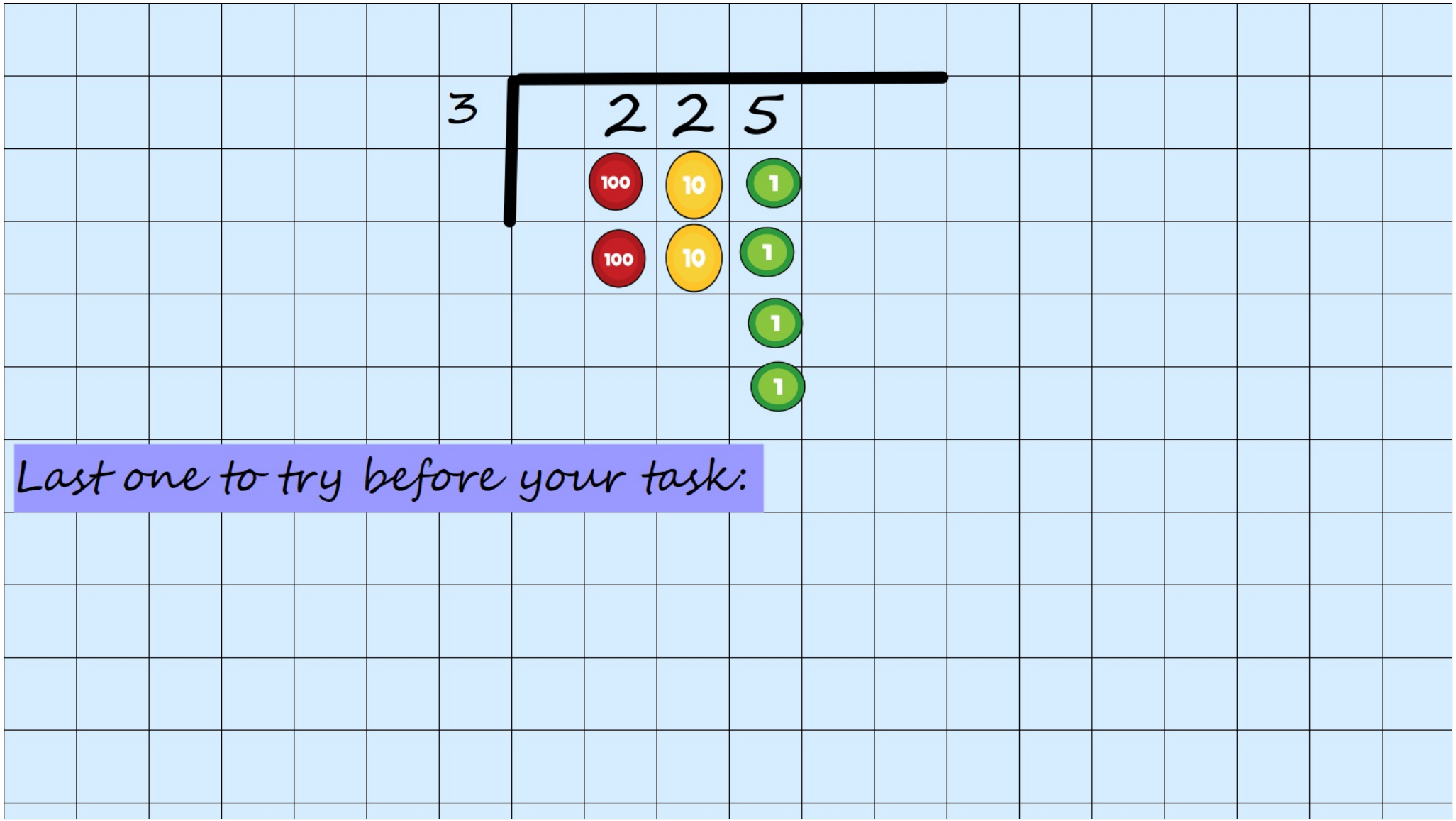
Can you explain how Miss Edwards has solved 138÷3? Either tell a sibling or write it down.

1 78 cones are divided equally across 6 lanes.

How many cones are in each lane?

78

How would you represent this question using the bus stop method?



Last one to try before your task:

Task:

Recap:

226 ÷ 2 =

336 ÷ 3 =

284 ÷ 2 =

369 ÷ 3 =

Exchange:

56 ÷ 2 =

84 ÷ 7 =

42 ÷ 3 =

75 ÷ 5 =

Exchange and remainders:

452 ÷ 4 =

584 ÷ 8 =

365 ÷ 5 =

364 ÷ 7

112 ÷ 7 =

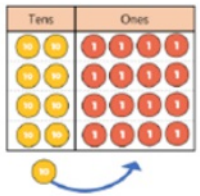
193 ÷ 8 =

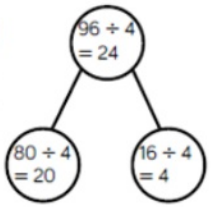
290 ÷ 6 =

Use Inverse to check –
A formal multiplication method.

Mild:

Rosie is calculating 96 divided by 4 using place value counters. First, she divides the tens. She has one ten remaining so she exchanges one ten for ten ones. Then, she divides the ones.





Use Rosie's method to solve
65 ÷ 5
75 ÷ 5
84 ÷ 6

Spicy:

Dora is calculating 72 ÷ 3
Before she starts, she says the calculation will involve an exchange.

Do you agree?
Explain why.

Answers:

Recap:

226 ÷ 2 = 113

336 ÷ 3 = 112

284 ÷ 2 = 142

369 ÷ 3 = 123

Exchange:

56 ÷ 2 = 28

84 ÷ 7 = 12

42 ÷ 3 = 14

75 ÷ 5 = 15

Exchange and remainders:

452 ÷ 4 = 113

584 ÷ 8 = 73

365 ÷ 5 = 73

364 ÷ 7 = 52

112 ÷ 7 = 16

193 ÷ 8 = 24r1

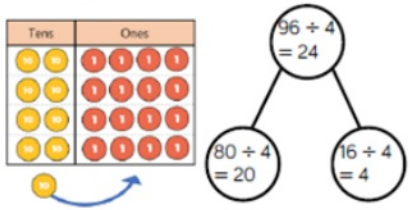
290 ÷ 6 = 48r2

Use Inverse to check –
A formal multiplication method.

Answers:

Mild:

Rosie is calculating 96 divided by 4 using place value counters. First, she divides the tens. She has one ten remaining so she exchanges one ten for ten ones. Then, she divides the ones.



Use Rosie's method to solve
65 ÷ 5
75 ÷ 5
84 ÷ 6

13
15
14

Spicy:

Dora is calculating 72 ÷ 3
Before she starts, she says the calculation will involve an exchange.

Do you agree?
Explain why.

Yes, because you cannot do 7 ÷ 3 easily.

$$\begin{array}{r} 7\,2 \\ 3\overline{)\,2\,4} \end{array}$$