Divide a 2-Digit Number by a 1-Digit Number – No Exchange

1) Hari has used place value counters to calculate 63 ÷ 3.

Tens	Ones
10 10	1
10 10	1
10 10	1

Copy and complete the statements.

6 tens ÷ 3 = _____ tens

3 ones ÷ 3 = _____ ones

63 ÷ 3 = _____

2) Use Hari's method to complete the calculations.

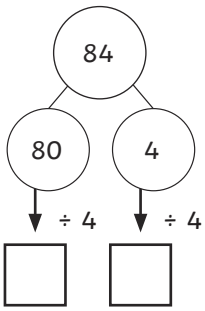
a) 64 ÷ 2

b) 48 ÷ 4

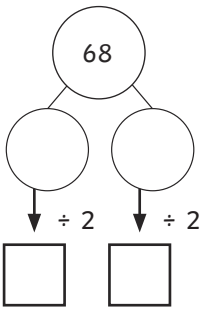
c) 39 ÷ 3

3) Complete the part-whole models to work out the division calculations.

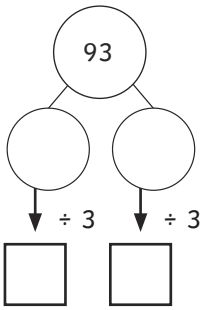
a) 84 ÷ 4



b) 68 ÷ 2



c) 93 ÷ 3



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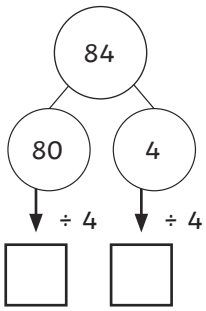

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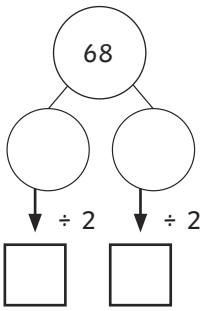

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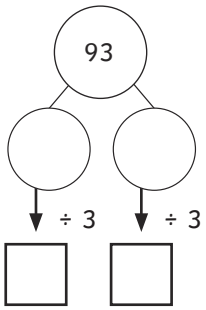
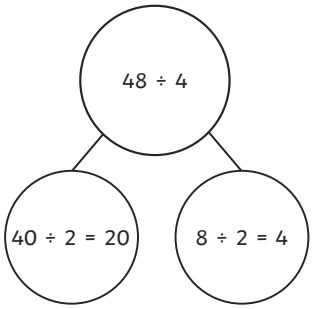


Divide a 2-Digit Number by a 1-Digit Number – No Exchange

1) Zeke has used a part-whole model to calculate 48 ÷ 4.
Do you agree with his answer? Explain why.

Zeke: 20 + 4 = 24 so the answer is 24.



2) Do you agree with Amrit's statement?
Explain your reasoning.

Amrit: The answer to 96 ÷ 3 must be greater than the answer to 68 ÷ 2 as both the divisor (the number you are dividing by) and dividend (the number you are dividing) are greater.

3) Emily, Joseph and Felix have used <, > and = to compare the calculations. Identify and explain any mistakes they have made.

Emily: 84 ÷ 2 < 96 ÷ 3

Joseph: 36 ÷ 3 = 48 ÷ 4

Felix: 88 ÷ 8 > 65 ÷ 5

Divide a 2-Digit Number by a 1-Digit Number – No Exchange

1) Zeke has used a part-whole model to calculate 48 ÷ 4.
Do you agree with his answer? Explain why.

Zeke: 20 + 4 = 24 so the answer is 24.

48 ÷ 4
40 ÷ 2 = 20
8 ÷ 2 = 4

2) Do you agree with Amrit's statement?
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Amrit: The answer to 96 ÷ 3 must be greater than the answer to 68 ÷ 2 as both the divisor (the number you are dividing by) and dividend (the number you are dividing) are greater.

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Divide a 2-Digit Number by a 1-Digit Number – No Exchange

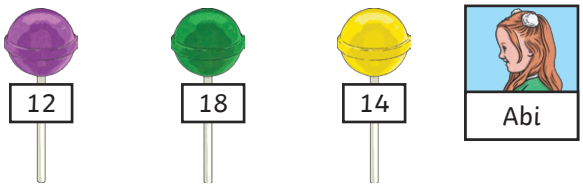
1) Priya and Bartek are designing a miniature garden.
Priya estimates that she has more than 60 pebbles and fewer than 70 pebbles.

She divides the pebbles into 3 equal piles and has no pebbles left over.

How many pebbles could Priya have?
Find all the possibilities.

2) Abi has 12 blackcurrant, 18 lime and 14 lemon lollipops.

She divides them equally between 4 bowls.
How many lollipops does Abi have in each bowl?



3) 88 children are going to eat lunch in the school hall.
8 children can be seated at 1 table.

How many tables need to be put out so that all the children can be seated?

4) Miss Jackson needs to read with all 69 year 3 children in her school in 3 weeks.

How many children does she need to read with each week?

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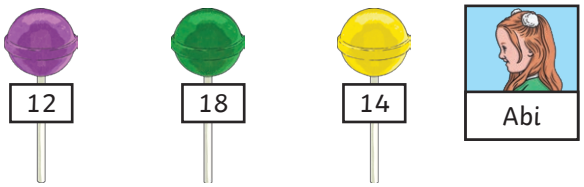

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