Discussion Problems
Step 5: Divide 2 Digits by 1 Digit 1

National Curriculum Objectives:

Mathematics Year 3: (3C6) Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
Mathematics Year 3: (3C7) Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods

About this resource:

This resource has been designed for pupils who understand the concepts within this step. It provides pupils with more opportunities to enhance their reasoning and problem solving skills through more challenging problems. Pupils can work in pairs or small groups to discuss with each other about how best to tackle the problem, as there is often more than one answer or more than one way to work through the problem.

There may be various answers for each problem. Where this is the case, we have provided one example answer to guide discussion.

We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

More Year 3 Multiplication and Division resources.

Did you like this resource? Don't forget to review it on our website.

classroomsecrets.co.uk

Divide 2 Digits by 1 Digit 1

1. With a partner, place 2 counters on the 'Start' zone. Take turns to roll a dice to work your way through the board moving in the direction shown by the arrows below.
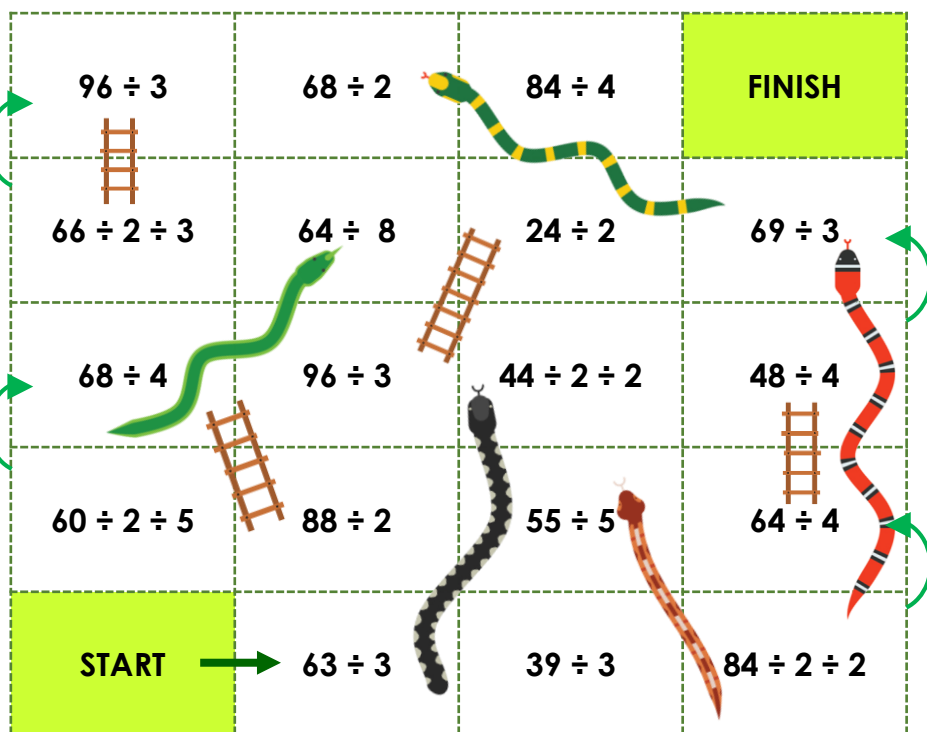
GAME RULES:

Ladders take you forwards.
Snakes take you backwards.

Your partner will check if your answer is correct.

Correct answers = 1 point.

The player with the most points when they reach the 'Finish' zone wins.

96 ÷ 3	68 ÷ 2	84 ÷ 4	FINISH
66 ÷ 2 ÷ 3	64 ÷ 8	24 ÷ 2	69 ÷ 3
68 ÷ 4	96 ÷ 3	44 ÷ 2 ÷ 2	48 ÷ 4
60 ÷ 2 ÷ 5	88 ÷ 2	55 ÷ 5	64 ÷ 4
START	63 ÷ 3	39 ÷ 3	84 ÷ 2 ÷ 2

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2. Choose a different digit to replace each splash on the cards below. Make sure you can complete the divisions you make.

80 ÷ ☀ ÷ 2	82 ÷ 2	4 ⬤ ÷ 2 ÷ 2	64 ÷ 8 ÷ 2	88 ÷ 8

55 ÷ ⬤	69 ÷ 3	64 ÷ 2 ÷ 4	⬤ 6 ÷ 3

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Find different ways you can arrange the calculation cards to complete the comparison statement above.

DP

Discussion Problems – Divide 2 Digits by 1 Digit 1 – Year 3

Divide 2 Digits by 1 Digit 1

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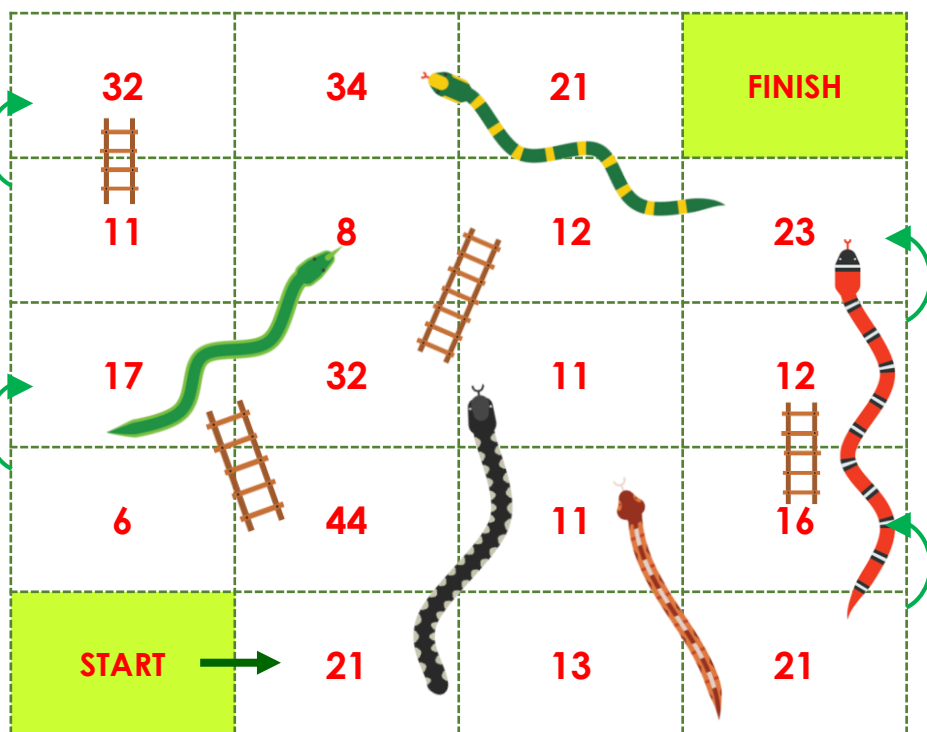
GAME RULES:

Ladders take you forwards.
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Your partner will check if your answer is correct.

Correct answers = 1 point.

The player with the most points when they reach the 'Finish' zone wins.

32	34	21	FINISH
11	8	12	23
17	32	11	12
6	44	11	16
START	21	13	21

Answers as above:

DP

2. Choose a different digit to replace each splash on the cards below. Make sure you can complete the divisions you make.

$80 ÷ 2 ÷ 2$

$82 ÷ 2$

$4\ 8 ÷ 2 ÷ 2$

$64 ÷ 8 ÷ 2$

$88 ÷ 8$

$55 ÷ 5$

$69 ÷ 3$

$64 ÷ 2 ÷ 4$

$3\ 6 ÷ 3$

$88 ÷ 8 = 11$ < $36 ÷ 3 = 12$ = $48 ÷ 2 ÷ 2 = 12$ < $69 ÷ 3 = 23$

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Find different ways you can arrange the calculation cards to complete the comparison statement above.
Various answers. One completed example is shown above.

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