Discussion Problems
Step 13: Add Two 3-Digit Numbers 1

Teacher note: For the first question the children may need an A3 copy and scissors to cut out the cards.

National Curriculum Objectives:

Mathematics Year 3: (3C2) Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
Mathematics Year 3: (3C4) Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction

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.

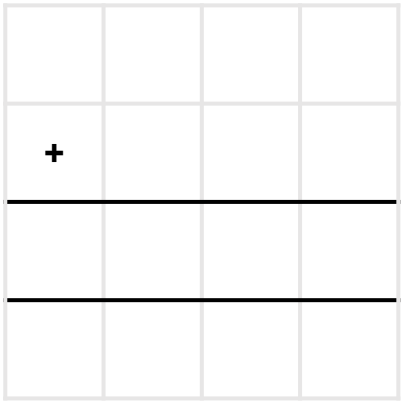
We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

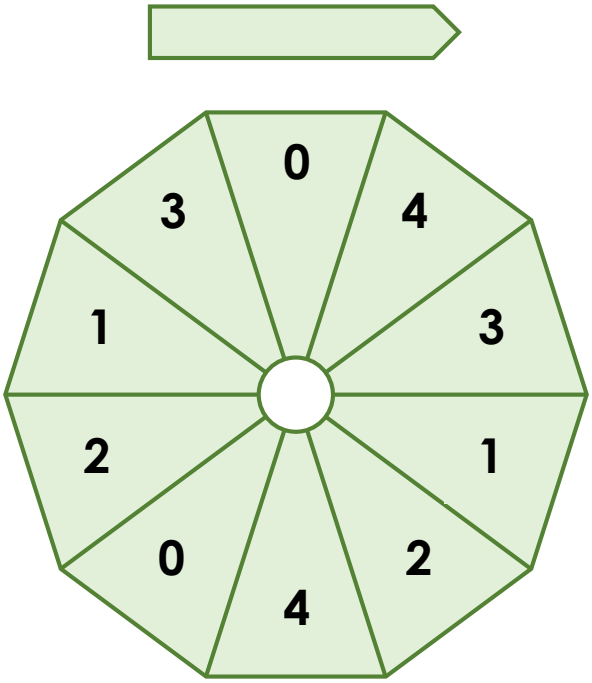
More Year 3 Addition and Subtraction resources.

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

Add Two 3-Digit Numbers 1

1. With a partner, use the spinner 6 times to generate random digits. Arrange these digits in any order to make two 3-digit numbers. Add them together to create your own totals.





Who can make the highest total?

DP

2. Complete the calculations and arrange the loop cards so that each end matches another of equal value. Fill in the missing card to complete the loop.

498	385 + 414
nine hundred and fifty-eight	
888	140 + 729
seven hundred and ninety-eight	251 + 640
seven hundred and ninety-nine	618 + 270
643 + 315	798 − 165
829 − 528	367 + 131
869	331 + 560

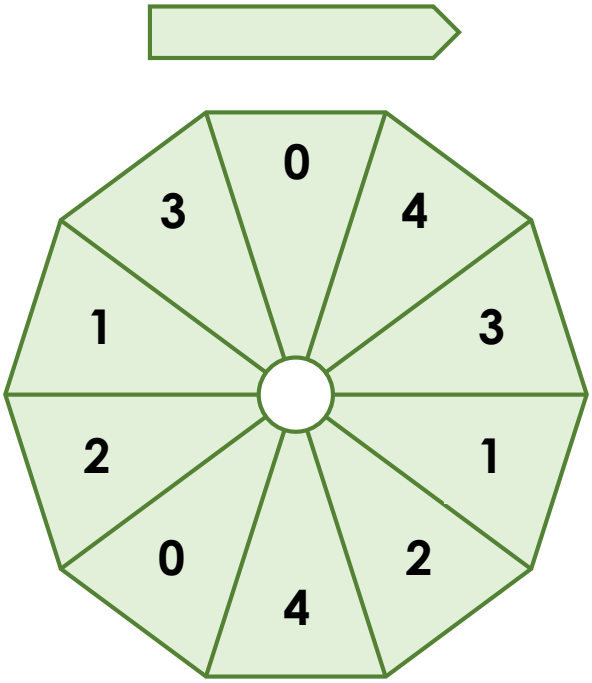
DP

Add Two 3-Digit Numbers 1

1. With a partner, use the spinner 6 times to generate random digits. Arrange these digits in any order to make two 3-digit numbers. Add them together to create your own totals.

Various answers, for example:

	4	3	2
+	2	1	0
	6	4	2



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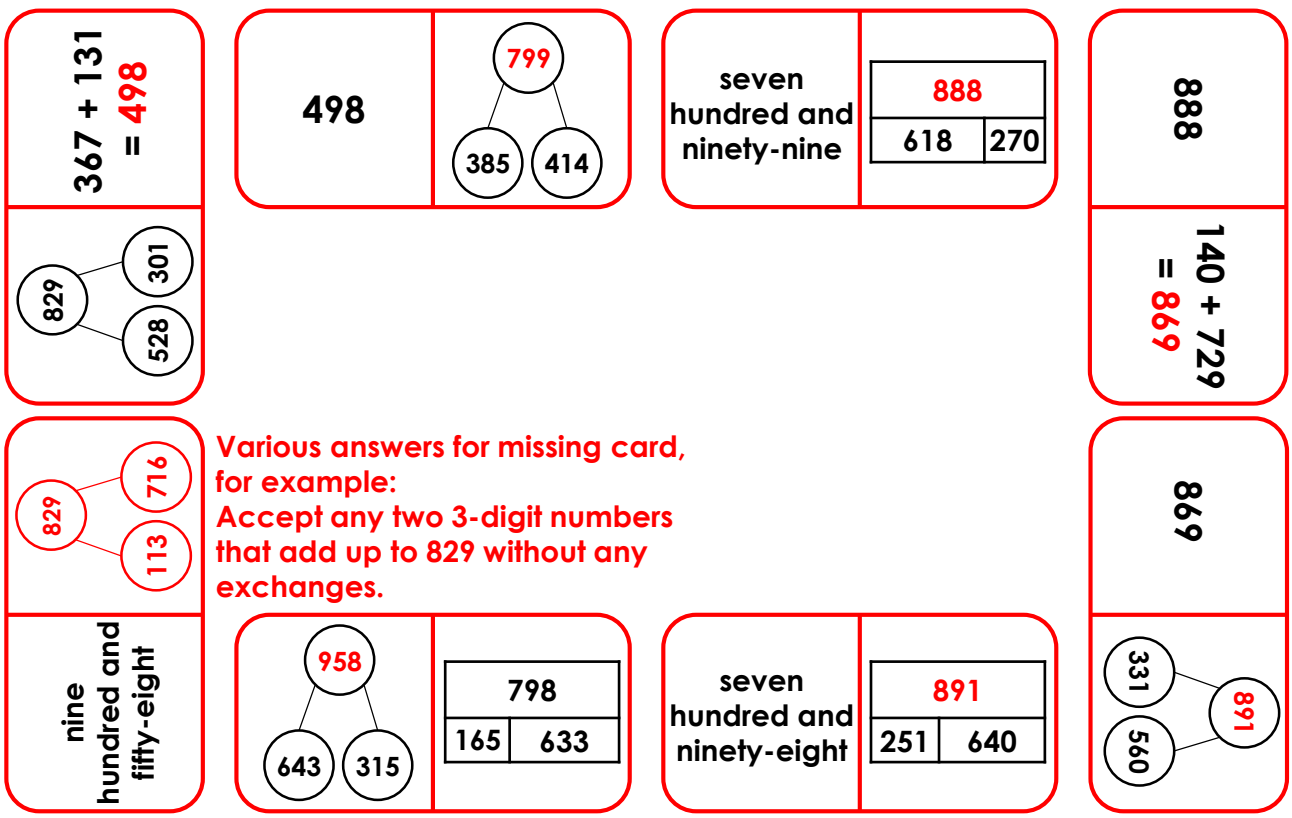

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