Objective: Addition of numbers to 20

Year 1 Task:
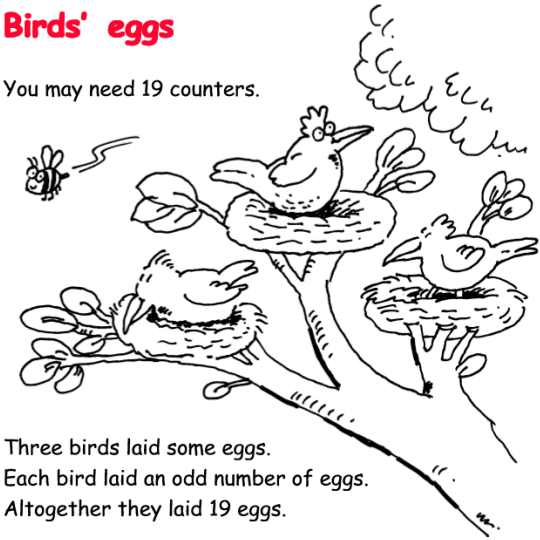
Birds' eggs

You may need 19 counters.

Three birds laid some eggs.
Each bird laid an odd number of eggs.
Altogether they laid 19 eggs.

How many eggs did each bird lay?
Find different ways to do it.

Worked example

Encourage children to add numbers quickly using facts they know.

Nest 1	Nest 2	Nest 3
1	1	17
1	3	15
1	5	13
1	7	11
1	9	9

HIAS HOME LEARNING

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Variation

Breaking the problem down

What if the birds laid 20 eggs between 2 nests?

What if the birds laid 20 eggs between 3 nests? What if they were all even/odd?

Challenge

There were 20 eggs laid by the birds. 1 nest had an even number of eggs, the other had an odd number of eggs in it. What do you notice about the numbers in the final nest?

There were 19 eggs laid by the birds. 1 nest had an even number of eggs, the other had an odd number of eggs in it. What do you notice about the numbers in the final nest?

Can you make 19 with an even number of eggs in each of the 3 nests? Explain why/why not.