

Spring Chicks 2

A Numicon 'dividing as grouping' activity exploring remainders, for pairs

What you will need (per pair)

- A copy of this sheet. **Please note:** this is an A3 document and needs to be printed at 100%
- Number rods – a minimum of:
 - 4-rods x 5
 - 3-rods x 7
 - 2-rods x 1
 - 1-rods x 1
- Number rod track (optional)

What to do

- Some baby chicks have been born and the farmer is putting them into nests.
- Can you use the farmer's clues to work out how many chicks were born? Use the number rods to help you work it out.
- What are the two dividing calculations for each of the farmer's attempts?
- How must the farmer arrange her chicks so there is the same number of chicks in each nest, with no chicks left over?

Extensions and questions

- The farmer wants to put chicks in nests in groups of 3 and groups of 4. How many nests will she need for 18 chicks? How many nests will have 3 chicks in and how many will have 4 chicks in?

Game

- With a partner, write down all the numbers from 1–30.
- Take it in turns to choose 2 numbers and divide the larger by the smaller. Your score is the number that is the remainder. (You can use number rods to help you.)
- The winner is the first to 30 points.

