

# **Spring Chicks 2**

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

#### What you will need (per pair)

#### What to do

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

- 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?

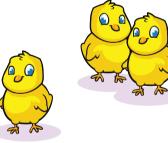
#### Game

- 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.

## I have more than 10 chicks.

When I put 3 chicks in each nest, there is I left over.

When I put 4 chicks in each nest, there are 2 left over.







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