

Sort some numbers into a Venn diagram, as shown opposite. Once the numbers are sorted, ask questions to draw children's attention to the patterns and connections:

- 'Which section does not have any numbers in it? Why?'
- 'What do you notice about the numbers in the section where the two sets overlap?'
- 'What do you notice about the numbers that don't go inside the circles?'

Dòng nǎo jīn:

'Rishi says all multiples of four are multiples of two.'

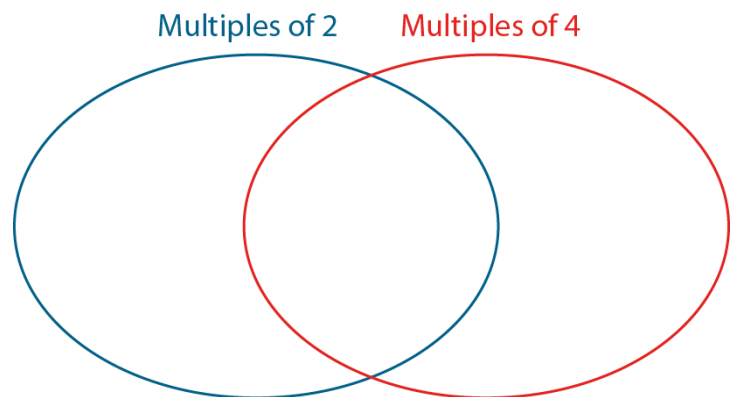
'Emily says all multiples of two are multiples of four.'

'Are they right? Why/why not?'

Sorting numbers:

'Place these numbers in the diagram. In the overlapping section, you should place the numbers that are both multiples of two and four. Numbers that are neither multiples of two nor four should go outside the circles.'

0	2	4	23	14	31	20	16	40
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Extracted from NCETM Mastery Professional Development Materials *Multiplication and Division*

2.7 Times tables: 2, 4 and 8, and the relationship between them

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