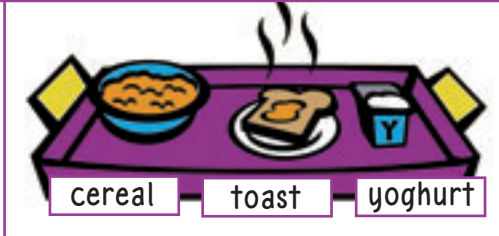


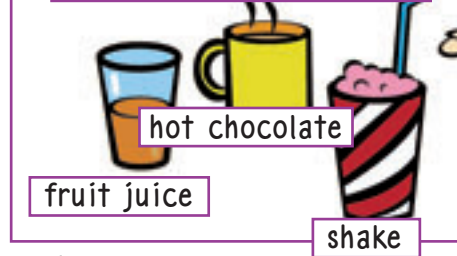
Numbers in Disarray

Problem One

For breakfast, Tim can have one of these:



and one of these drinks:



How many different breakfasts could Tim have?

Problem Two

Farmer Felicity has 25 metres of electric fence.

She can enclose a rectangle like this.



- What is the area of this rectangle?
- What other rectangles could she enclose?
- Which rectangle has the greatest area?

Problem Three

The number 74 is a two-digit number.
Its digits add to 11.

What other two-digit numbers have
a digit sum of 11?



Problem Four

Here is a complete multiplication array.

x	2	5	3
6	12	30	18
4	8	20	12

This array is incomplete.

What numbers are missing?

x	?	?	5
?	?	28	20
6	18	?	?