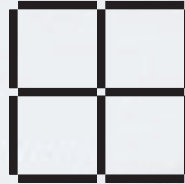


Pattern Teasers

Problem One

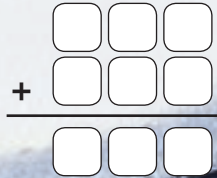
- Take away two sticks from this pattern to leave only two squares.
- What other polygons could you get by taking away two sticks from this pattern?



Problem Two

Use these digits: 1 2 3 4 5 6 7 8 9

In your book, make as many different addition equations as you can using each digit once.

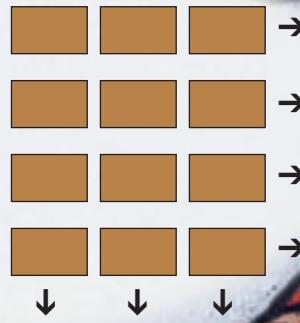


Problem Three

Ms Somani puts her students' desks in rows that form a rectangular pattern like this:

Where Moira sits, there are two desks straight in front of her and three behind. There are two desks to the right of Moira's desk and two desks to the left.

How many desks are there in the classroom?



Problem Four

Mr Smith is 30 years old.

In six years' time, he will be three times as old as his son Sidney.

How old is Sidney now?

