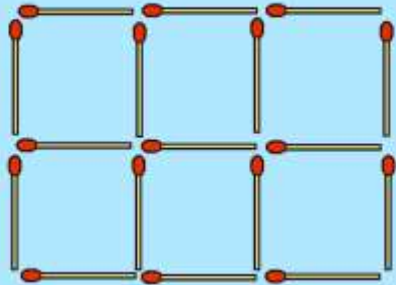


# Homework

## Task 1:

You have 12 matches. You need to create 6 squares. How can you do it without overlapping matches?



**Remove 6 matches  
to leave exactly 2 squares  
(with no extra squares  
or matches lying around).**



# Homework

## Task 3:

### Tongue Twister

In a Canadian town everyone speaks either English or French, or they speak both languages.

If exactly 70 per cent speak English and exactly 60 per cent speak French, what percentage speak both languages?

- a) 30
- b) 40
- c) 60

## Task 4:

### Four Kids

In a family with four children, which of the following combinations is most likely?

(Assume there is a 50/50 chance of a child being a boy or a girl.)

The children are:

- a) Two boys and two girls
- b) Three of one and one of the other

