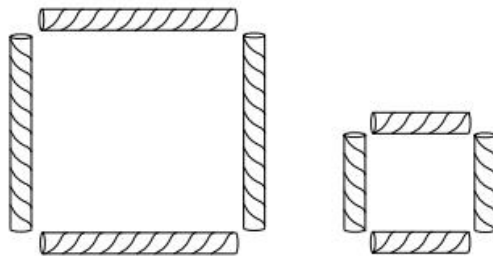


## Square it up

You need six drinking straws each the same length.  
Cut two of them in half.

You now have eight straws, four long and four short.

You can make 2 squares  
from the eight straws.



Arrange your eight straws to make 3 squares, all  
the same size.

## Age old problems

1. My age this year is a multiple of 8.  
Next year it will be a multiple of 7.  
How old am I?
2. Last year my age was a square number.  
Next year it will be a cube number.  
How old am I?  
How long must I wait until my age is both  
a square number and a cube?
3. My Mum was 27 when I was born.  
8 years ago she was twice as old  
as I shall be in 5 years' time.  
How old am I now?

