

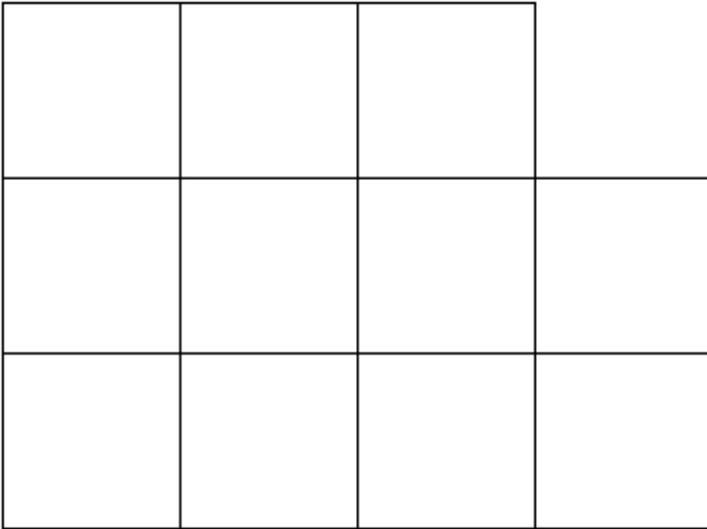
## Maths Week 2023

Solve a Problem    Thurs 19th October

Submit answers using [this link](#)

### Junior

How many different squares are there below?



### All

On a Friday evening a pizza shop had orders for 4 pepperoni, 97 vegetable, and 335 cheese pizzas. If the 4 cooks each made an equal number of pizzas, how many pizzas did each cook make?



## Challenging

You're creating a new coin system.



You can manufacture as many coins as you want but you can have only four different coin values.

You must be able to make all the values 1c through 10c (i.e. 1c, 2c, 3c, 4c, 5c, 6c, 7c, 8c, 9c, 10c) using either one or two of your coins.

What are the four lowest value coins that would allow you to do this?