

# KS4 Mathematics

## Review Day Work 2011

You have two tasks to complete.

### Task 1 – Consecutive Numbers

This task has two parts. All working out must be shown so your Maths teacher can see how you have attempted the investigation.

### Task 2 – MyMaths

Use time over Review Days to catch up on your MyMaths homeworks. Your teacher will be setting two new additional pieces which are to be completed first.

Ask your teacher if you do not know your login details. Write them here:

**School login – wallasey**  
**School password – ruler**

**Individual login -**  
**Individual password –**

### Task 1 – Consecutive Numbers

#### **Part 1: Making Numbers by Adding Consecutive Numbers**

Numbers like 7, 8, 9, are called consecutive numbers, they follow directly on, one from another. We are going to explore which numbers can be made by adding up consecutive numbers.

$7 + 8 + 9 = 24$       So 24 can be made from consecutive numbers

Is there more than one way to make 24 ?

25 for example can be made by  $12 + 13$  or by  $3 + 4 + 5 + 6 + 7$

Use the table on the next page to systematically record your answers.  
Make a note of anything you discover that looks interesting.

**Table for Part 1**

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Write down what you have noticed. Use additional paper if necessary.

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