# Addition with Negative Numbers

### Prior Knowledge:

To place negative numbers on a number line in the correct positions relative to each other.

### Check:

Place the following numbers on a number line:

Find a number between and .

...and another

...and another

What generalisation can you make about the numbers between these two?

### Prior Knowledge:

To know number bonds to 19 and be able to retrieve them quickly without ‘working it out’

### Check:

### Aims:

To know a little history of the number system

### Activities:

Brief discussion

Whole numbers – Fractions – Negative Numbers.

### Aims:

To represent additions involving negative numbers concretely

### Activities:

Presentation – Negatives A introduction

Examples

Represent each calculation using positive / negative pictures

Section A

### Aims:

To adapt the picture to deal with larger numbers

### Activities:

Examples

Section B

### Aims:

To add together more than two numbers in one go

### Activities:

Examples:

### Aims:

To know that adding a negative is the same as subtraction

### Activities:

Calculate each of these:

What can you conclude?

Negative Numbers A Magic Squares