

## Warm Up Activity – the four operations

### Curriculum Links:

N1/E3.3 N1/E3.5

N1/L1.5 N1/L1.6

N1/L2.2

I have used this successfully for mixed classes with levels Entry 3 to Level 2

### Using 1, 2, 3

- The students have to see how many **whole numbers** they can make between 0 and 10 by adding, subtracting, multiplying and dividing.

e.g.  $1 + 2 - 3 = 0$ ,  $3 \times 2 + 1 = 7$

Note: Entry 3 can make all the numbers except 10 (3 squared + 1). Square numbers are introduced at Level 1.

There are many variations on this:

### Using 2, 4, 6

- Can students make an odd number?

e.g.  $6 \div 2 = 3$ ,  $(4 + 6) \div 2 = 5$

### Using 3, 5, 7

- Can they make an even number?

### Using 2, 3, 4

- What is the highest number they can make? (Levels 1 and 2 sometimes spontaneously square)
- What is the lowest number they can make? (Levels 1 and 2 sometimes spontaneously go into minus numbers)
- An even number
- An odd number
- A square number (level 1 and 2)
- A multiple of two
- A multiple of three

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**Adult Numeracy: Number 1 (Whole Numbers)** – N1/ E3.3 (recall addition and subtraction facts to 20), E3.5 (recall multiplication facts e.g. multiples of 2, 3, 4, 5, 10), L1.5 (recall multiplication facts up to 10x10 and make connections with division facts), L1.6 (recognise numerical relationships e.g. multiples and squares), L2.2 (carry out calculations with numbers of any size using efficient methods).