



DAY FOUR

Mental Maths Warm Up

Multiply one hundred and four by ten. _____

Write in metres 12.75km _____

What is one tenth of £1.50? _____

Add together 57, 20 and 11 _____

570 added to a number is 620. What is the number? _____

What is double 56? _____

John saves 50 pence per week. How much would John have saved after 36 weeks? _____

How many centimetres are equivalent to 3.67 metres? _____

What fraction of 1 metre is 50cm? _____

What is 25% of £10? _____

What is three less than four thousand? _____

Keep your place value skills sharp! Try this game.

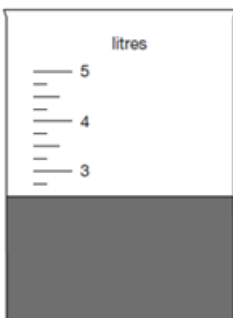
<https://www.mathschase.com/games/place-value-10000/>



Length of running tracks

track	distance (metres)
track 1	400
track 2	352
track 3	75.4
track 4	41.8

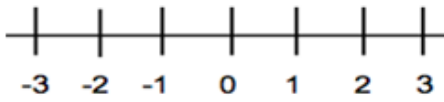
At an athletics track, Henry completes 10 laps of track 2 and 100 laps of track 4. How many kilometres (km) does he run in total?



Using your knowledge of decimals, how many litres of liquid is in this measuring cylinder?

Main Maths Activity

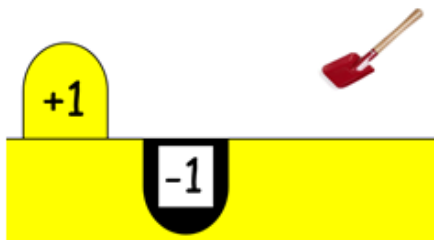
We've done lots of work on decimals, now let's have a look at negative numbers!



Have a look at the number line above. What can you say about negative numbers?

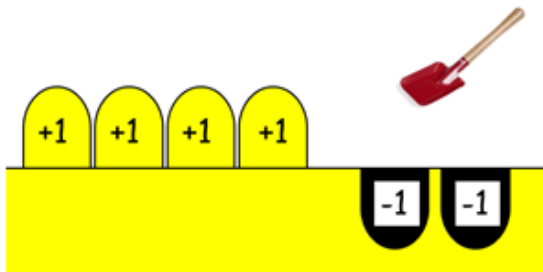


Negative numbers at the seaside!

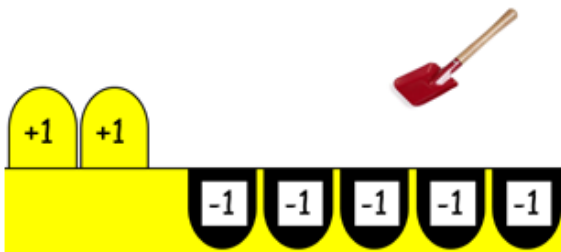


Imagine that you are building sandcastles!

If you shovel the sand out of the beach into a bucket, and turn it upside down, you end up with a positive and a negative—a sandcastle and a hole!



If you had to fill in the holes with the sandcastles, how many sandcastles would you have left?



If you had to fill in the holes with the sandcastles, how many holes would you have left?

Using this idea, and the number line, can you answer these calculations?

$4 - 6 =$

$-2 + 4 =$

$1 - 3 =$

$-1 + 5 =$

$-1 - 2 =$

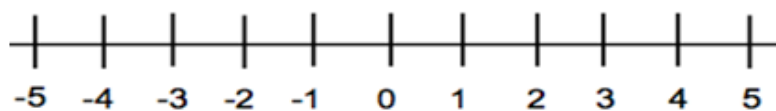
$0 + 4 =$

$0 - 3 =$

$-5 + 4 =$

$5 - 7 =$

$-3 + 7 =$



Now try these!

$5 - 9 =$

$2 + 6 =$

$-4 - 4 =$

$-3 + 7 =$

$-8 - 1 =$

$-6 + 5 =$

$8 - 11 =$

$-8 + 4 =$

$7 - 9 =$

$-1 + 10 =$

$-5 - 3 =$

$-5 + 12 =$

