

17.06.24

Number Nest Weekly Challenge



Warm up

1. What is the value of $2 \times 0 \times 1 \times 7$?
2. Harry Potter was born on 31 July 1984. How old he is today (in years)?
3. How many minutes are in 3.5 Hours?
4. Ashley and Ryan split £120.46 in half. How much do they each have?
5. Find the sum of 31.2 and 78.

Activity

1. My baby sister is 1500 days old today. How many years old will she be on her next birthday?

2. A rectangular piece of paper is folded in half to form a square. The area of the square is 36cm^2 . What is the perimeter of the original rectangle?

3. Oranges cost 26p each and lemons cost 30p each. Gordon spent exactly £5 on a mixture of oranges and lemons. How many oranges and lemons altogether did he buy?

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4. How many of the following numbers are multiples of 11?

187 156 253 495 132

5. Forty hairy chinchillas weigh the same as fifty slim chinchillas. Forty-five slim chinchillas weigh the same as fifty-four happy chinchillas. How many happy chinchillas weigh the same as fifty hairy chinchillas?

Puzzle

Can you find this two-digit number?

When you add the digits together, the sum is 12.

When you reverse the digits of the number the new number is 36 more than the original number.

