

# BUN-SGOIL TAOBH NA PÀIRCE

ÀIREAMHACHD AGUS MATAMATAIG – PLANA LÀITHEIL

Diluain 11.01.21

## Àireamh an Latha | Number of the Day

Try as many tasks as you can each day choosing from Number of the Day and Mental Maths.

Easier

**50**

Harder

**1025**

Halve it

Double it

Treble it

Find 5%

Find 10%

Find 50%

Find 55%

Find 57%

Write it in words

Split it

Add 99

Subtract 9.5

Create a realistic word problem with it as the answer

Multiply it by 10, 100, 1000, 10000

Divide it by 10, 100, 1000, 10000

## Ceistean Cinn | Mental Maths

### Right or Wrong?

Look at the following calculations and decide whether the answer is right or wrong. If it is wrong, then correct it:

$7210 + 3050 = 10160$

$10753 + 5067 = 15820$

$8082 + 497 = 8759$

$3468 - 277 = 3119$

$8053 - 2999 = 5054$

$976 - 1063 = 87$

$10\% \text{ of } 3010 = 30.1$

$15\% \text{ of } 160 = 22$

$20\% \text{ of } 50.8 = 10.01$

## Extra Magic Square puzzle

If you would like a little extra, try this puzzle!  
The sum of each column, row and diagonal adds up to the same number (in this case, 15)

The sum is 15.

	9	4
7		
	1	

## Obair Àireamhachd an Latha | Daily Numeracy Work Equations

I can apply my knowledge of number facts to solve problems where an unknown value is represented by a symbol or letter.

Tasks:

Work out the value of the triangles.

For example:  $\Delta + 26 = 37$  (Answer:  $\Delta = 11$ )



1)  $7 + \Delta = 19$

2)  $9 + \Delta = 16$

3)  $\Delta + 11 = 25$



1)  $25 + \Delta = 38$

2)  $47 + \Delta = 85$

3)  $\Delta + 39 = 125$



1)  $145 + \Delta = 198$

2)  $238 + \Delta = 316$

3)  $\Delta + 107 = 225$



1)  $3658 + \Delta = 915$

2)  $2594 + \Delta = 6006$

3)  $\Delta + 3677 = 15010$

## Maths Topic – Researching Famous Mathematicians

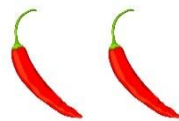
**Maths** - I can explore how mathematics impacts the world and the important part it has played in advances and inventions.

**Reading** – I can find and select information from a text.

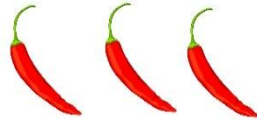
This week, we will learn about famous mathematicians. We will learn about different inspirational mathematicians each day. Today, you should watch the PowerPoint about Famous Mathematicians and then use the information sheet you are given to answer these questions about Charles Babbage and Ada Lovelace.



1. What did Charles Babbage invent?
2. What was Charles Babbage interested in and what did he end up teaching at university?
3. What could his machine The Difference Engine do?
4. When was Ada Lovelace born?
5. Can you work out how long ago she was born?
6. What is Ada Lovelace famous for?



1. Why did Charles Babbage want to invent this machine?
2. How long ago was Charles Babbage doing this work?
3. What could his machine, The Analytical Engine do?
4. How much older was Babbage than Lovelace?
5. How did Lovelace develop the idea of what the machine could do?
6. Why is Ada Lovelace famous?



1. In your own words, give a detailed explanation of what the Analytical Engine could do.
2. How long ago was Babbage working on the plans for these machines?
3. Which parts of the machines that he was developing are still used today?
4. How old was Babbage when he died?
5. How much older was Babbage than Lovelace?
6. It says that Lovelace worked with Babbage for many years. Make an estimate of how long they might have worked together.
7. What was important about the notes that Ada Lovelace made?
8. How did Lovelace develop the idea of what the machine could do?