

# BUN-SGOIL TAOBH NA PÀIRCE

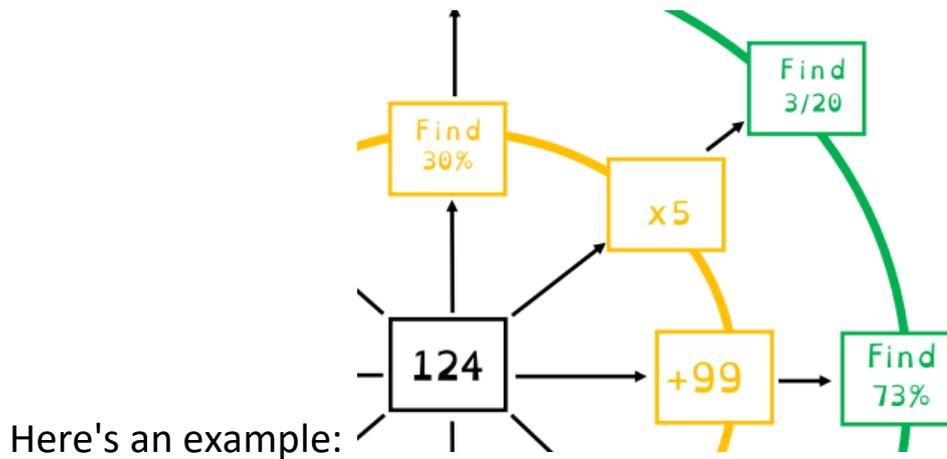
ÀIREAMHACHD AGUS MATAMATAIG – PLANA LÀITHEIL

C7 Diluain 01.02.21

## Àireamh an Latha | Number of the Day

### Number of the Day

The Number of the Day exercise today and tomorrow is a type of function machine. Take the number in the middle and apply each separate function in the ring that surrounds it. For an easier challenge only do the orange ring (1 step each time) and for a harder challenge do the orange and then green (2 steps each time.)

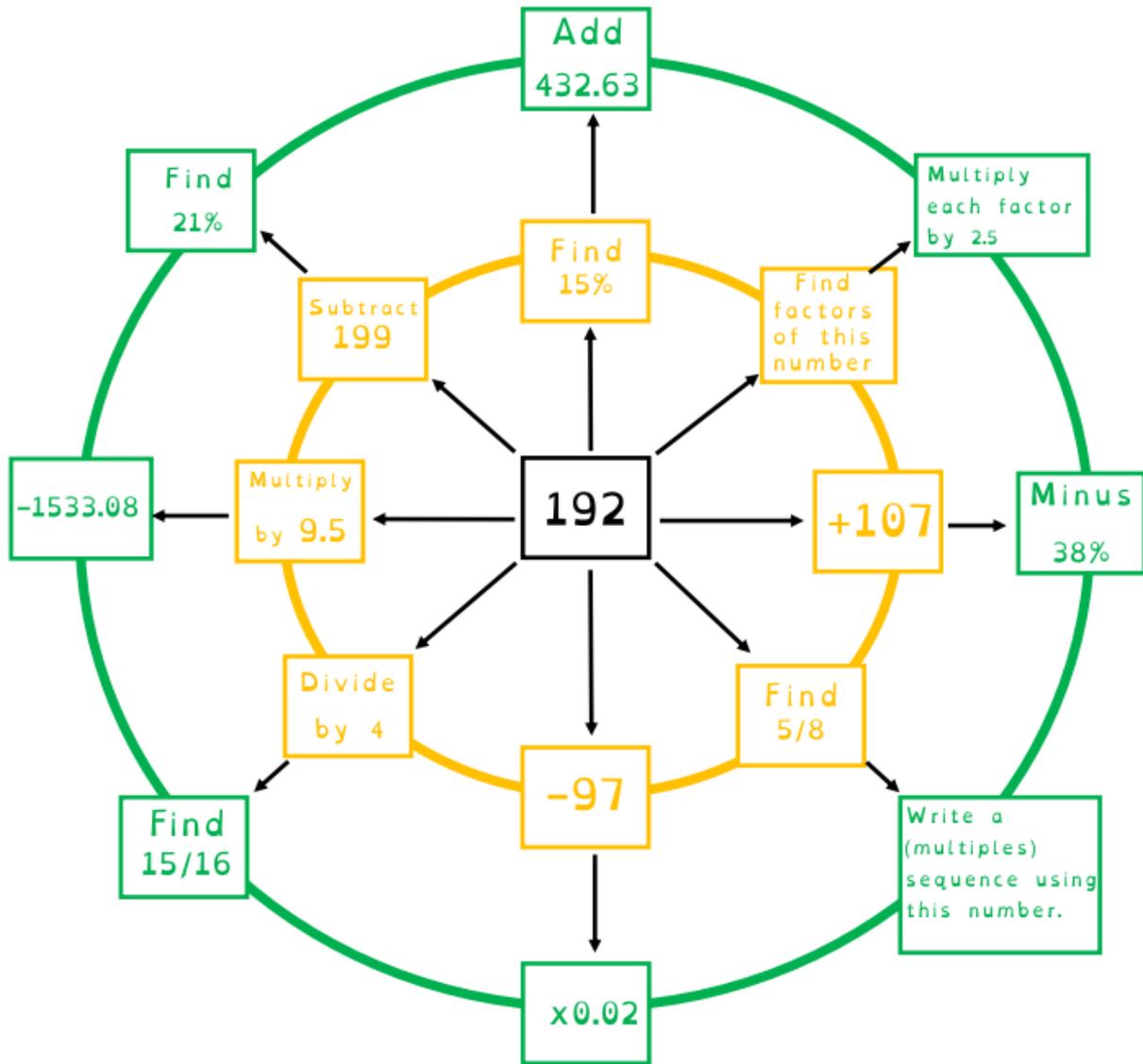


**Easier:**  $124 \times 5 = 620$

**Harder:**  $124 \times 5 = 620$ ;  $3/20$  of  $620 = 93$

**Easier:**  $124 + 99 = 223$

**Harder:**  $124 + 99 = 223$ ;  $73\%$  of  $223 = 162.79$



### Mental Maths



Time how long it takes you to answer the questions and write down your time for Monday. Each day you will answer a mixture of questions and try to beat your time from the day before! If there is one line which is slowing you down, for example, dividing, write yourself a big list of division questions and practice them so that you gain confidence and start to get quicker again.



1)  $12 + 12 = \underline{\quad}$

2)  $14 + 14 = \underline{\quad}$

3)  $23 - 13 = \underline{\quad}$

4)  $42 - 12 = \underline{\quad}$

5)  $2 \times 3 = \underline{\quad}$

6)  $4 \times 3 = \underline{\quad}$

7)  $10 \div 2 = \underline{\quad}$

8)  $12 \div 3 = \underline{\quad}$



- 1)  $53 + 39 = \underline{\quad}$     2)  $74 + 29 = \underline{\quad}$     3)  $83 + 9 = \underline{\quad}$     4)  $42 - 19 = \underline{\quad}$   
5)  $36 - 29 = \underline{\quad}$     6)  $74 - 39 = \underline{\quad}$   
7)  $7 \times 3 = \underline{\quad}$     8)  $6 \times 7 = \underline{\quad}$     9)  $4 \times 8 = \underline{\quad}$     10)  $27 \div 3 = \underline{\quad}$   
11)  $42 \div 6 = \underline{\quad}$     12)  $36 \div 9 = \underline{\quad}$



- 1)  $5.3 + 3.9 = \underline{\quad}$     2)  $7.4 + 2.9 = \underline{\quad}$     3)  $8.3 + 0.9 = \underline{\quad}$     4)  $4.2 - 1.9 = \underline{\quad}$   
5)  $3.6 - 2.9 = \underline{\quad}$     6)  $7.4 - 3.9 = \underline{\quad}$   
7)  $72 \times 3 = \underline{\quad}$     8)  $68 \times 7 = \underline{\quad}$     9)  $48 \times 8 = \underline{\quad}$     10)  $27 \div 0.5 = \underline{\quad}$   
11)  $42 \div (-6) = \underline{\quad}$     12)  $(-36) \div (-9) = \underline{\quad}$

## Multiples, Factors and Primes

### Assignment

It's your chance to show off! We would like to see how well you have understood the learning from last week! Here is our learning intention from last week:

*Having explored the patterns and relationships in multiplication and division, I can understand multiples, factors and prime numbers.*

We would like everyone to make a poster about multiples, factors and prime numbers. Use your poster to show everything you know. You could draw Venn diagrams, tables, hundred squares, number lines or anything you like to show your understanding of multiples, factors and prime numbers. Look back at the work and video lessons from last week if you need any help.

[Extra - Stretch and Challenge](#)

# Prime Magic



Place the numbers 1, 2, 3,..., 9 one on each square of a 3 by 3 grid so that all the rows and columns add up to a prime number.


Is it possible to place the numbers 1, 2, 3,..., 9 one on each square of a 3 by 3 grid so that the diagonals, as well as all the rows and columns, add up to prime numbers?