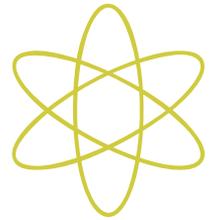# MATHS QUIZ

Instructions:

1. Read all Questions Carefully
2. The answer to each equation will be used in the next question
3. To answer the questions you must use a combination of the solved equations and the descriptions in front of the exhibits
4. Make sure to enjoy yourself and have fun!

Name: _____   **Date:** _____

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Maths Quiz

Question 1 (Writer's Room):

$X1 = 641 \times 3 =$ [   ]

A great man once said: *"Life is a long preparation for something that never happens."*

This man stands proudly in this room somewhere. He won a prestigious literature award, but what was the year he won this award, and what is the name of the man in question.

Answer 1: _____

Question 2 (Viking Room):

$X2 = $ (multiply 1st 3 numbers of $X1$) $+ 3 =$ [   ]

$\div$ by   3 $=$ [   ]

Solve the equation to reveal an attribute of this king among men who stands tall in this room. Who does the answer to this equation refer to, and what does the answer say about his appearance?

Answer 2: _____

Question 3 (Mythology Room):

$X3 = ((X2)2 + 1) \times 6 =$ [   ]

Solve the equation to reveal the length of time one of our mythological heroes spent in a magical land. What is the name of this legend of Irish Mythology, and where did he spend this time?

Answer 3: _____

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Question 4 (Medieval Ireland):

$$X4 = X3 - (20 \times 2)2 = \boxed{}$$

Solve the equation to learn which Earl with a fondness for fine materials journeyed to St. Mary's Abbey to renounce the king. What was the name of this famous Earl, and who accompanied him on this journey?

Answer 4: _____

Question 5 (Famine Room):

$$X5 = X4 \div \sqrt{400} = \boxed{}$$

Solve this equation to reveal a statistic about one of the harshest and most tragic periods in Irish history, the great Irish famine. What does the answer in the equation relate to?

Answer 5: _____

Question 6 (Irish Revolution):

$$X6 = ((X5)^2 \times 2) + (50 \times 34) = \boxed{}$$

Solve the equation to find out an important date in Irish history, a rebellion which ultimately was unsuccessful, but paved the way for Irish freedom from English rule. What is the name of the famous revolutionary who led the rebellion in question?

Answer 6: _____

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Question 7 (1916 Room):

$$X7 = X6 \div 58 = \boxed{}$$

Solve the equation to find out the age this famous Irish founding father was when he died. What is the name of this Irish revolutionary leader?

Answer 7: _____

Question 8 (Good Friday Room):

$$X8 = X7 + 2 \div 3 = \boxed{}$$

Solve the equation to reveal a number which relates to a momentous occasion in our country's history. What does the number correspond to?

Answer 8: _____

Question 9 (Science & Discovery Zone):

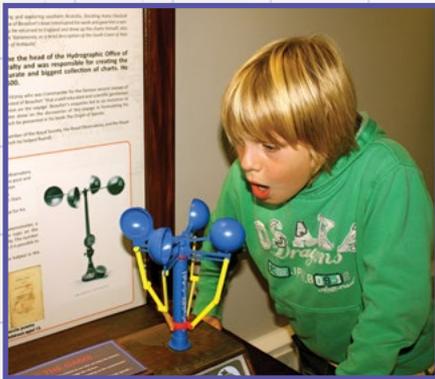$$X9 = (X8^2 + (38 \times 4)) \times -1 = \boxed{}$$

Solve this equation to discover the number that a brilliant mathematician determined to be the absolute zero value for temperature. This man went by two different names, but what was the name given to him at birth?

Answer 9: _____

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Question 10 (Science & Discovery Zone):

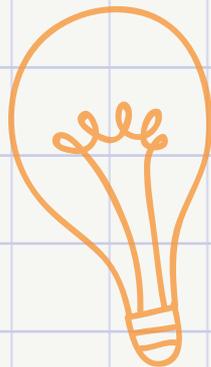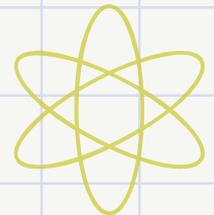$$X10 = (X9 \times -7) - 100 + (3 \times 11) = \boxed{}$$

Solve this last equation to reveal the year that this mathematical genius' achievements were recognised. He was awarded honorary degrees in both Trinity College and Oxford University, but what was this great man's name, and what did he achieve in the year given by the equation?

Answer 10: _____

$a^2 + b^2 = c^2$

$\sqrt{3}$

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