



# MyMaths Christmas Algebra Activity

Practise your algebra with the questions below.

## Question 1

Identify the hidden number.

$$7 + \text{holly} = 12$$

$$\text{holly} = \boxed{\phantom{00}}$$

$$\text{snowflake} - 19 = 48$$

$$\text{snowflake} = \boxed{\phantom{00}}$$

$$\text{snowman} + \text{snowman} + \text{snowman} + \text{snowman} - 16 = 40$$

$$\text{snowman} = \boxed{\phantom{00}}$$

$$\text{red ball} \times 5 = 55$$

$$\text{red ball} = \boxed{\phantom{00}}$$

## Question 2

Solve the problem below.

$$\text{gift} + \text{Santa} + \text{tree} + \text{gift} = \dots\dots\dots$$

$$\text{tree} + \text{gift} + \text{Santa} + \text{Santa} = 101$$

$$\text{gift} + \text{Santa} + \text{Santa} + \text{gift} = \dots\dots\dots$$

$$\text{tree} + \text{tree} + \text{tree} + \text{tree} = 112$$

$$102 = \dots\dots\dots$$

$$\text{tree} = \boxed{\phantom{00}} \quad \text{gift} = \boxed{\phantom{00}} \quad \text{Santa} = \boxed{\phantom{00}}$$

## Question 3

**3 Christmas trees are for sale.**

Christmas tree A is three times the price of Christmas tree B.

Christmas tree B is half the price of Christmas tree C.

Christmas tree C costs £24.

**What are the prices of Christmas trees A and B?**

$$\text{Christmas tree A} = \boxed{\phantom{00}}$$

$$\text{Christmas tree B} = \boxed{\phantom{00}}$$



For further practice take a look at the resources on Algebra on [MyMaths.co.uk](http://MyMaths.co.uk)