

# Year 5 & 6 Homework - Week 1

**\*\*Homework is due in on Wednesday 7<sup>th</sup> June, please complete it in your red homework books and hand it in on time. \*\***

## **WORDS OF THE WEEK:**

**For the words below, please find out the definition and create sentences using the words.**

*Ordeal*

*Inconspicuous*

### **Spelling:**

**A spelling test will be done on the Friday, so please learn the spellings below.**

**Write the definition and create a sentence for each word below.**

vicious

precious

conscious

delicious

malicious

suspicious

ambitious

cautious

fictitious

infectious

nutritious

maroon

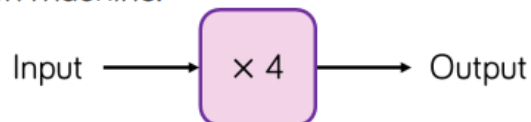
flustered

## YEAR 5 & 6 MATHS:

In Maths this week, Year 5 & 6 have been learning about algebra and using simple formulas to find missing numbers. Please complete the questions in the pages below to develop your understanding of the topic.

### YEAR 5+6 WORKSHEET:

Here is a function machine.



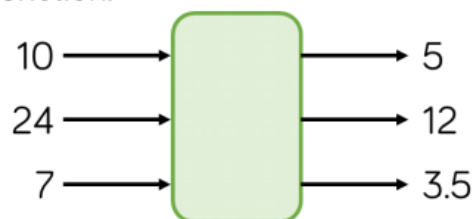
- What is the output if the input is 2?
- What is the output if the input is 7.2?
- What is the input if the output was 20?
- What is the input if the output was 22?

Complete the table for the function machine.



Input	5	5.8	10	- 3	- 8			
Output						9	169	0

Find the missing function.



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Here is a function machine.



- What is the output if the input is 5?
- What is the input if the output is 19?
- What is the output if the input is 3.5?

Complete the table for the given function machine.



Input	1	2	3	4	5
Output					

- What patterns do you notice in the outputs?
- What is the input if 20 is the output? How did you work it out?

How can you write this two-step machine as a one-step machine?



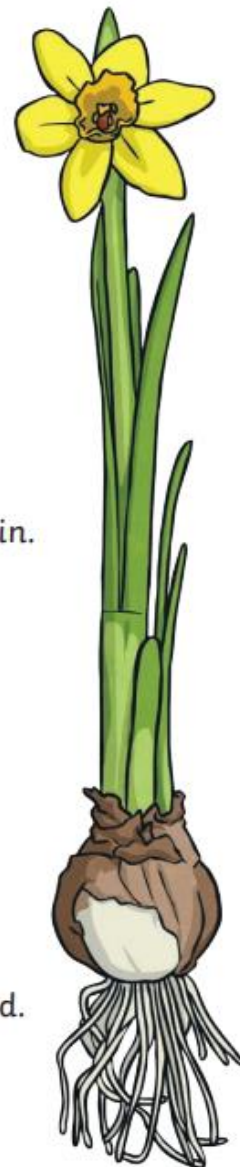
Check your answer by inputting values.

# ENGLISH

Both Year 5 & 6 – Please read the text below, and answer the reading comprehension questions.

## The Life Cycle of a Flower

- 11 In the beginning all you need,  
Is a simple, unsuspecting seed.
- 23 Giving the plant the ideal condition,  
To germinate must be your mission.
- 36 Within no time, you will see a shoot,  
Followed by a searching root.
- 50 The root will anchor to the ground,  
The sprout reaches and light is found.
- 64 The plant grows taller; grows a stem,  
Growing thicker and thicker, again and again.
- 75 Leaves appear as if overnight,  
Spreading out to catch the light.
- 88 Once fully grown, a flower is spotted,  
With seeds inside and petals dotted.
- 101 Flowers - pink, blue and red,  
Now have seeds they need to spread.
- 118 Blown by the wind; carried by a bird,  
Caught on fur; this is how they are dispersed.
- 130 No matter how, no matter when,  
The cycle will now start again.



# Quick Questions



1. Which phrase tells the reader that the life cycle is continuous?

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2. List all of the ways that seeds are dispersed?

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3. Summarise the main points of this text in 20 words or less.

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4. How does the word 'searching' help you to understand the job of the root?

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