

Year 6 to 7

Algebra Challenge Booklet



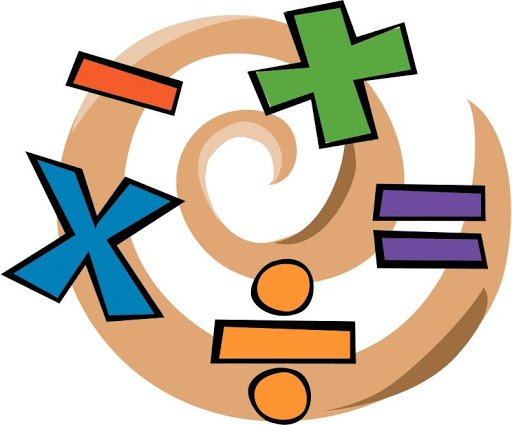
**Algebra Skills**

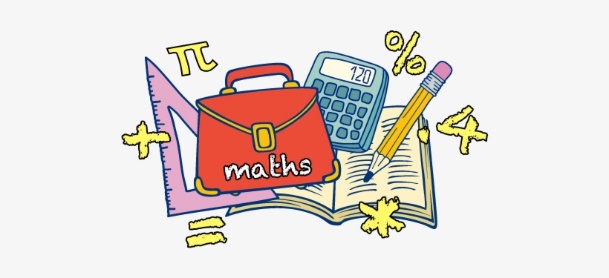
If you are already very confident using the key skills in the transition booklet then the following topics will give you a bit of a head start for Year 7 Algebra.

In this booklet you will find work on:

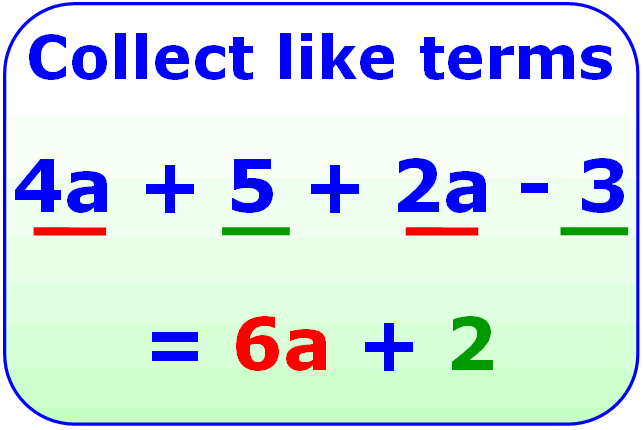
* Collecting like terms
* Multiplying terms
* Expanding single brackets
* Substituting into expressions

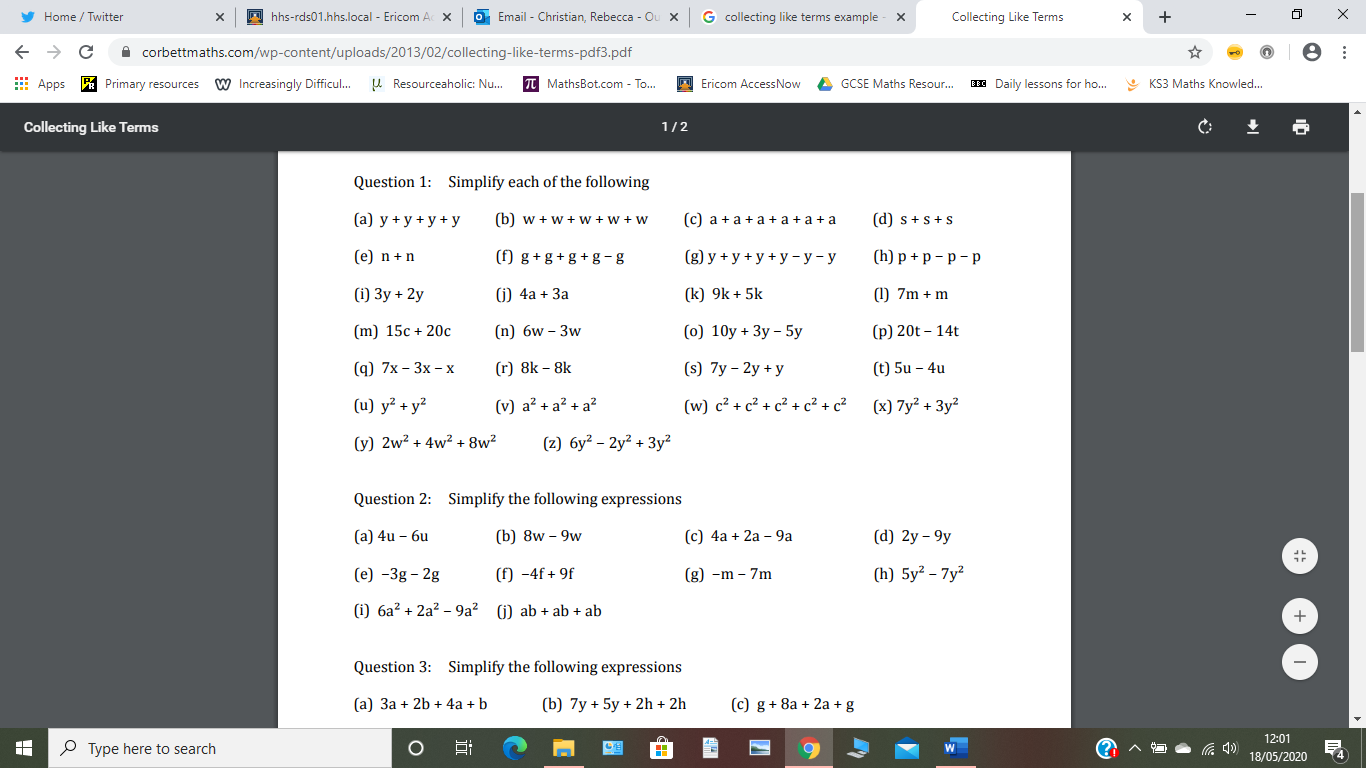
These are not the only algebra skills that you will look at during the KS3 course however, they are a good place to start!

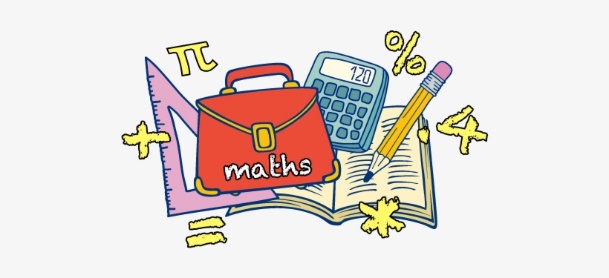


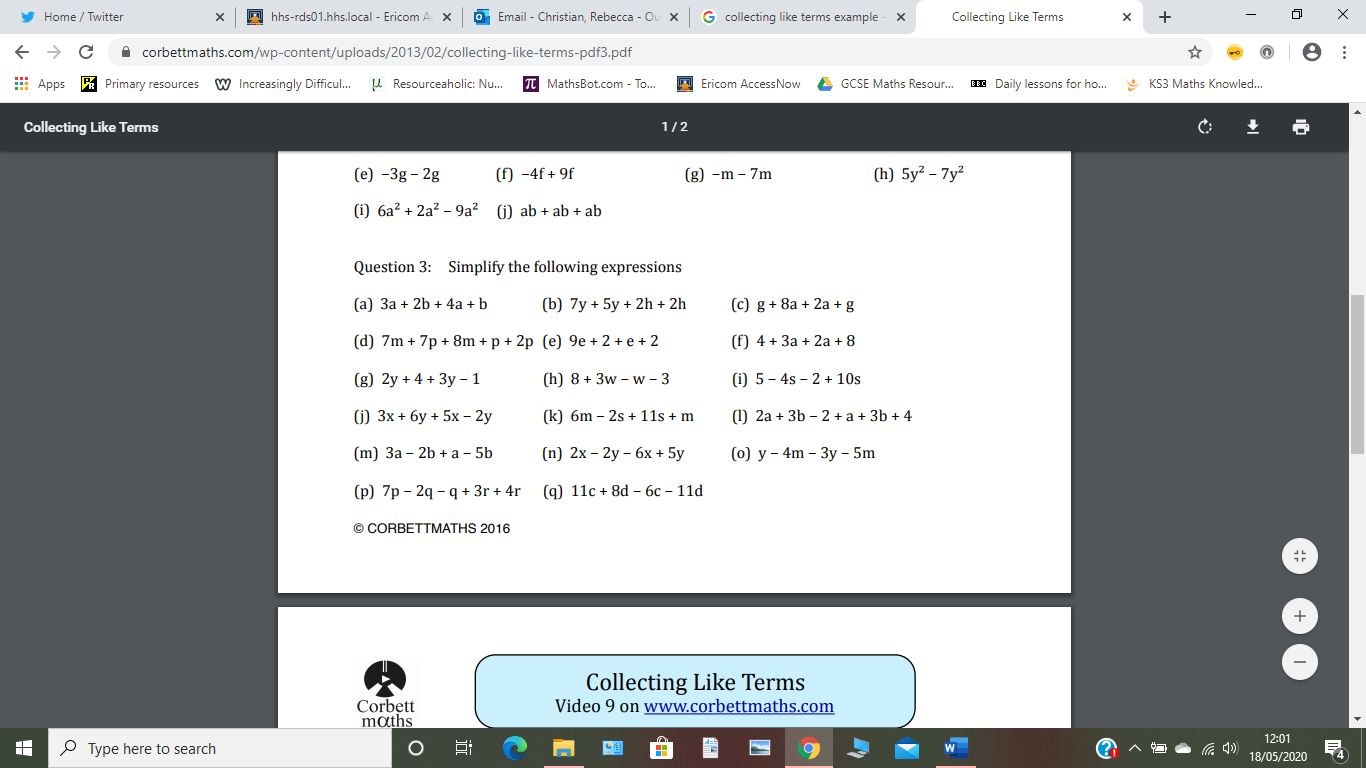


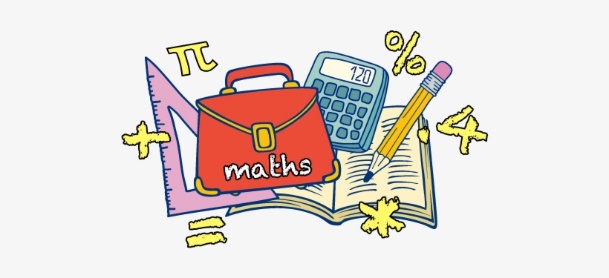
**Collecting like terms**

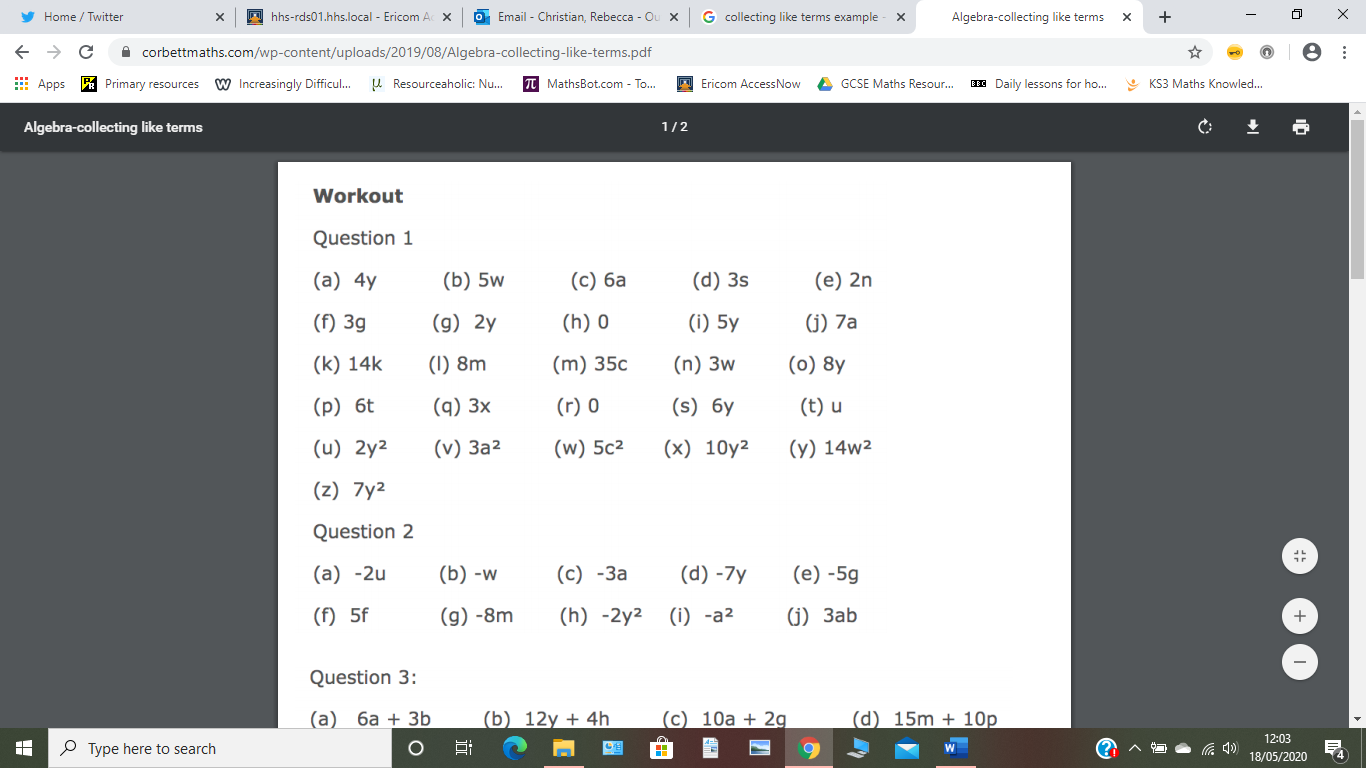
**Example:**

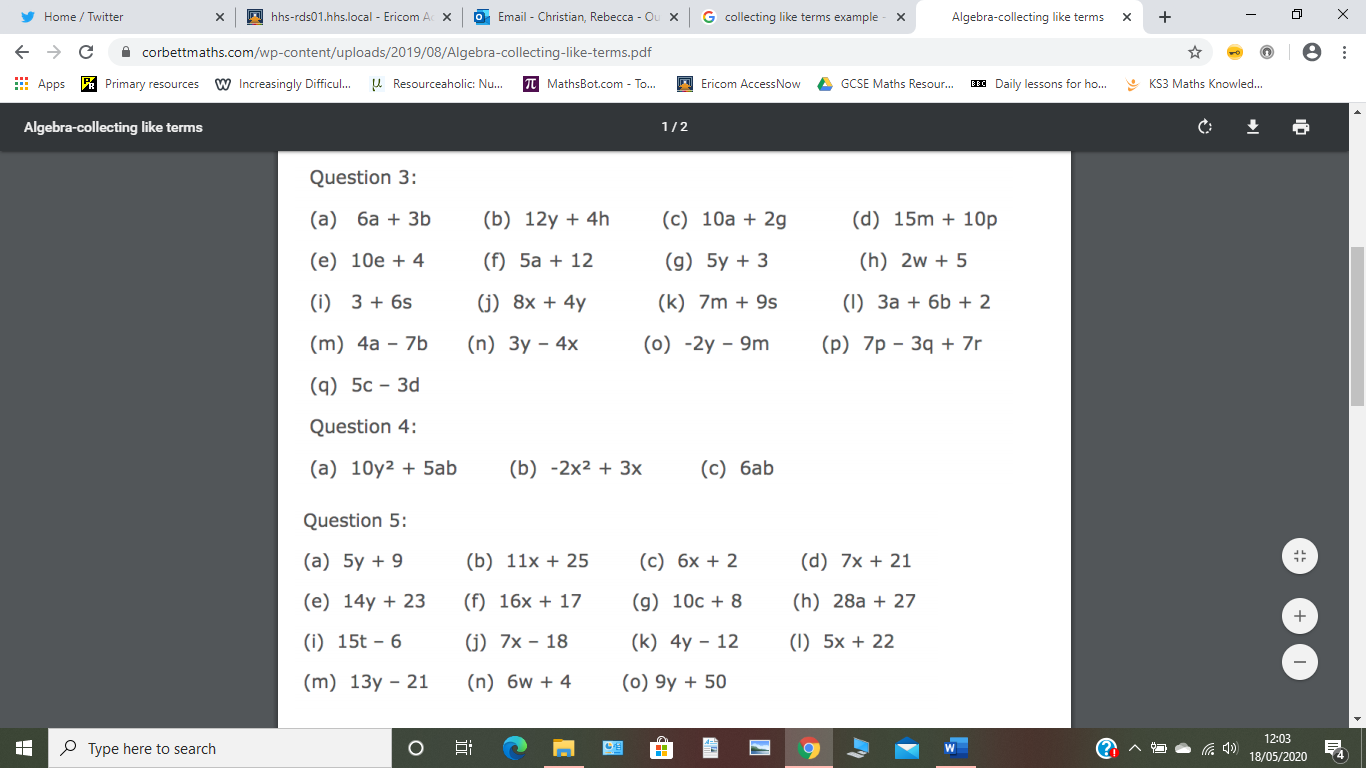


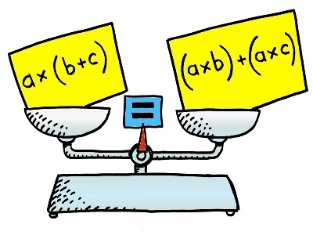


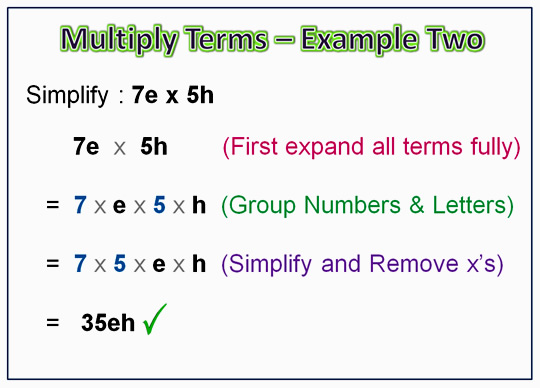


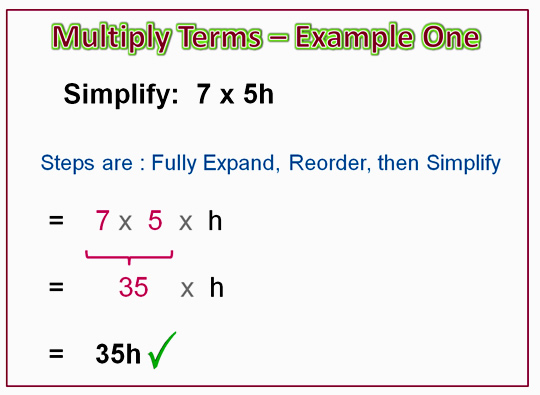
**Collecting like terms Answers:**

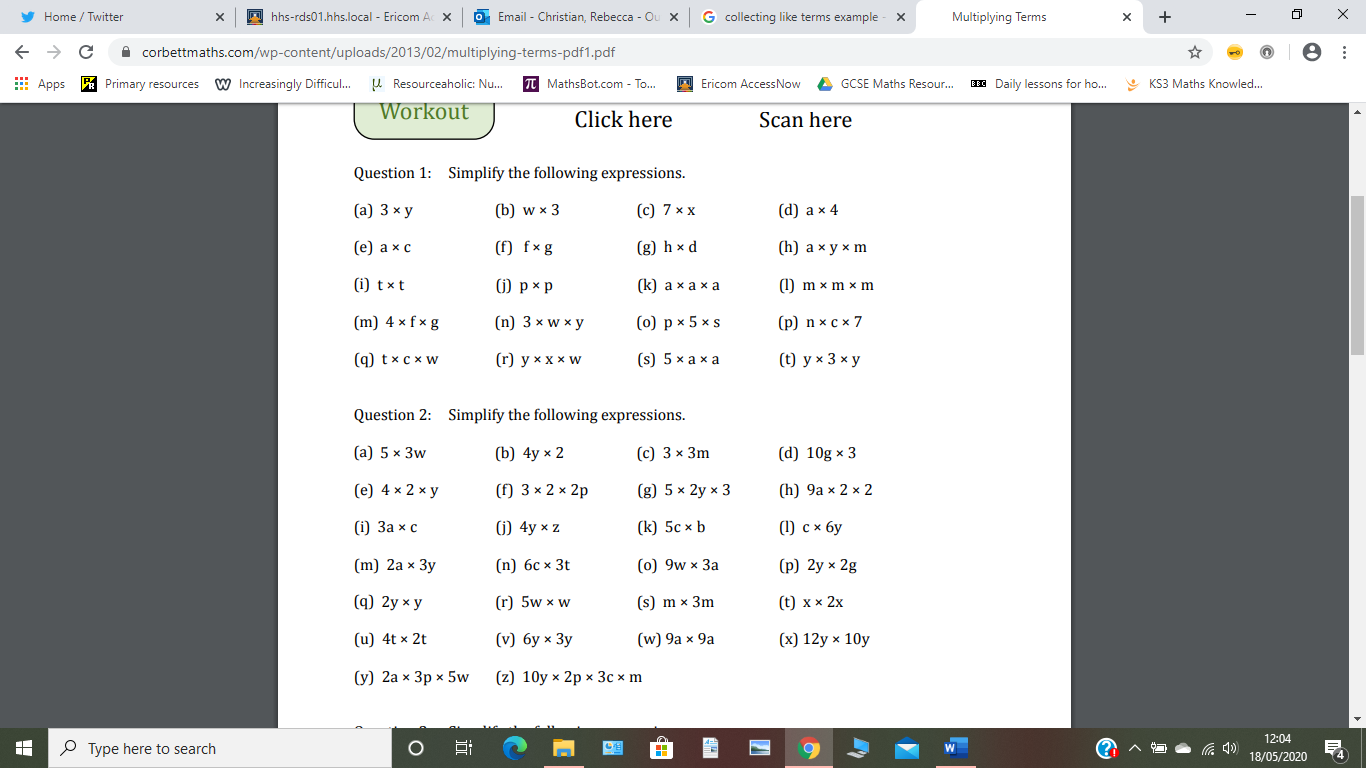


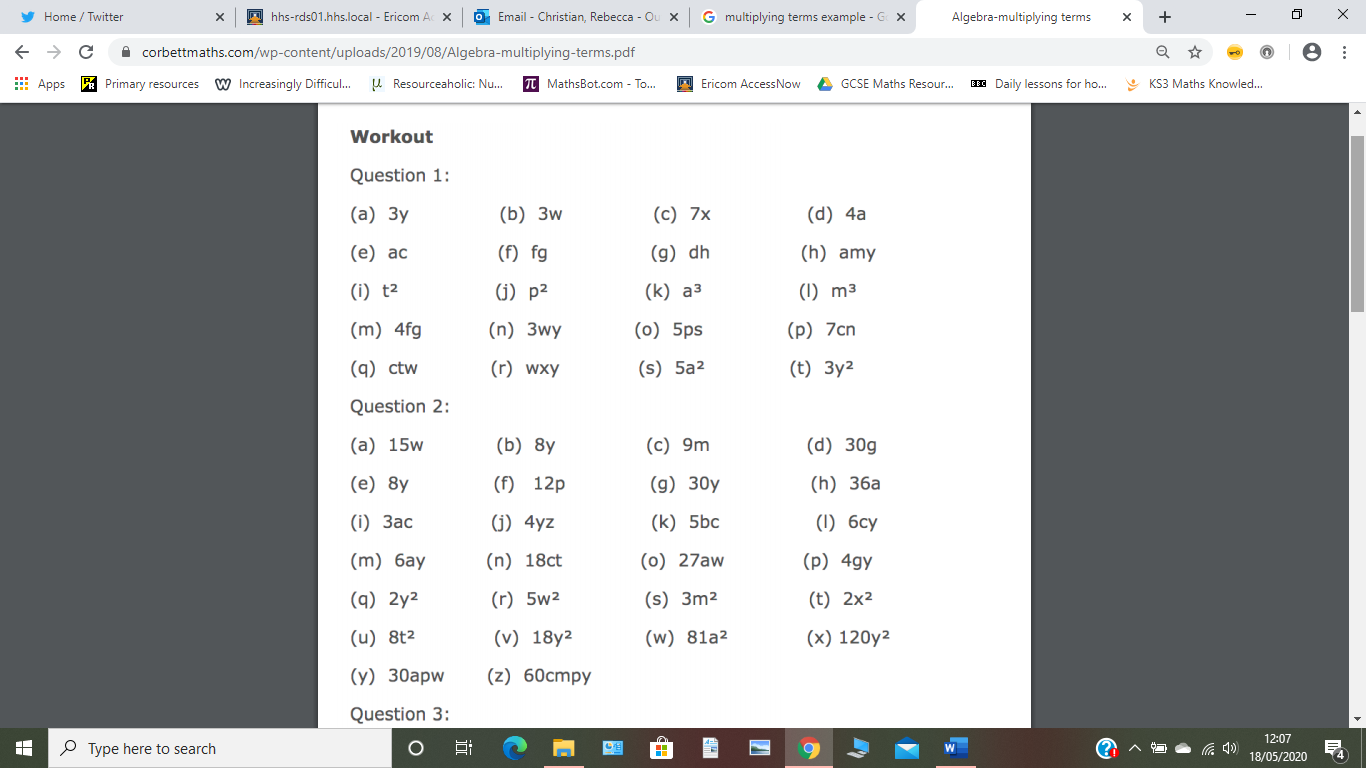
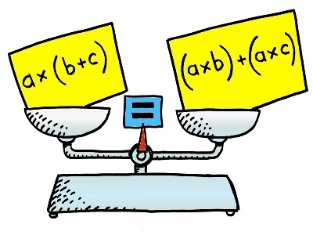


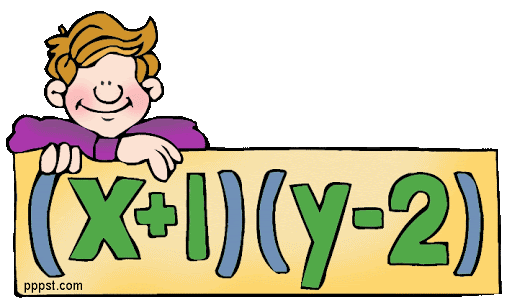
**Multiplying terms**

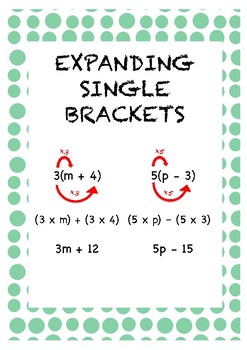
**Examples:**

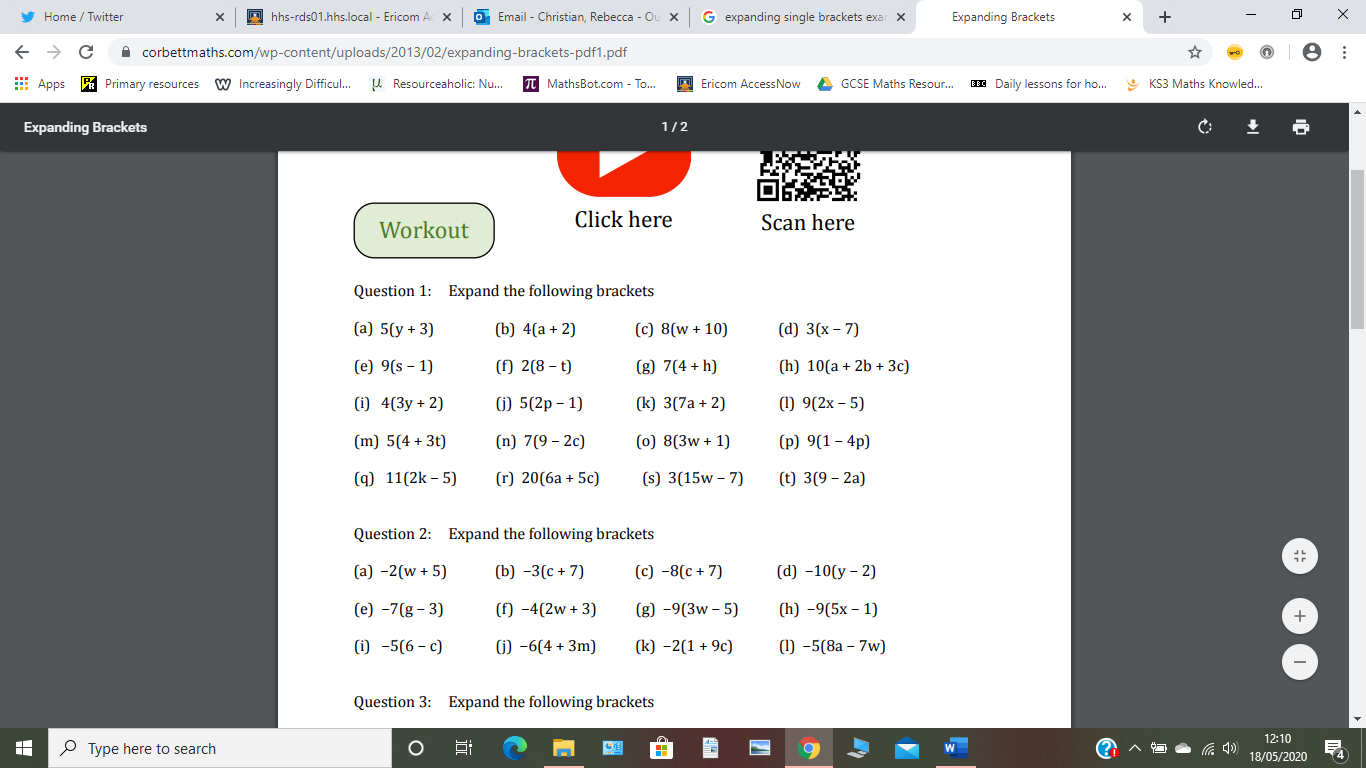
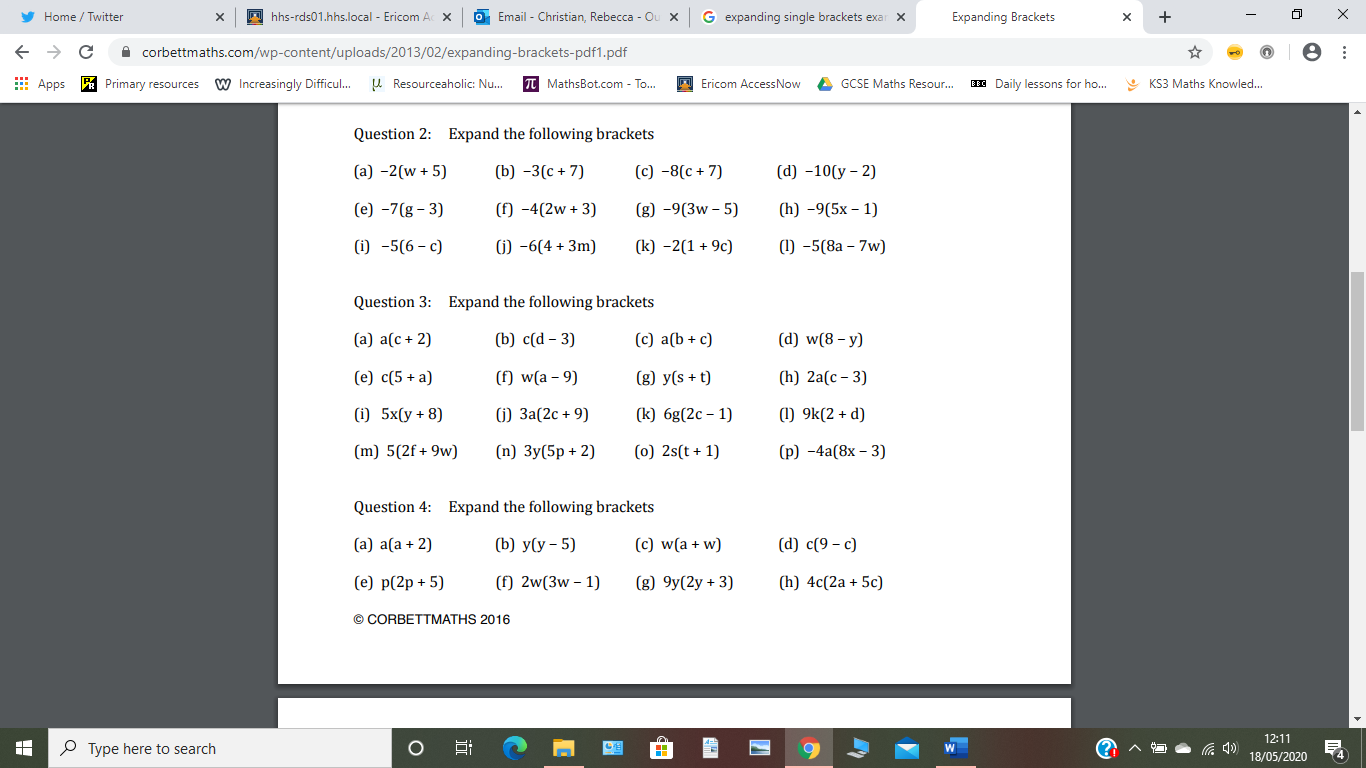


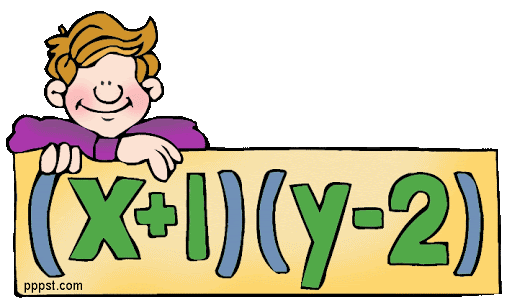


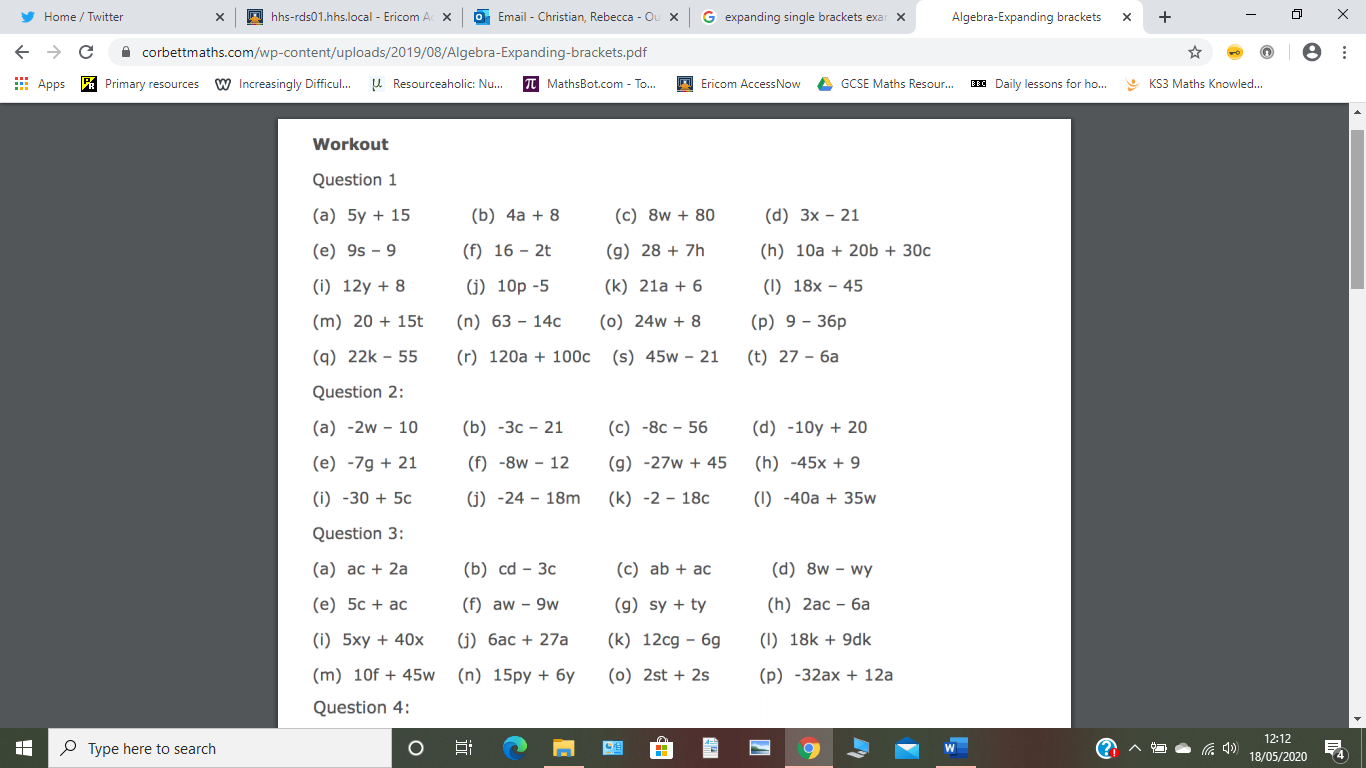
**Multiplying terms Answers:**

**Expanding Single Brackets**

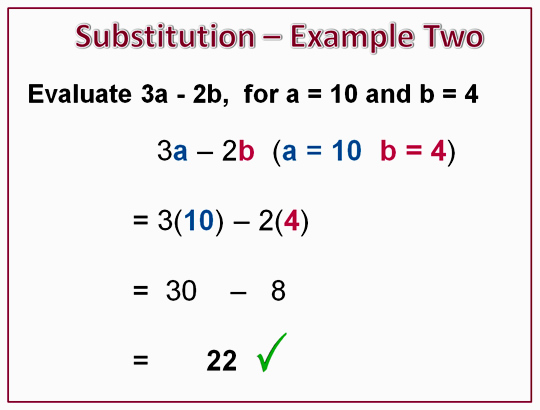
**Example:**

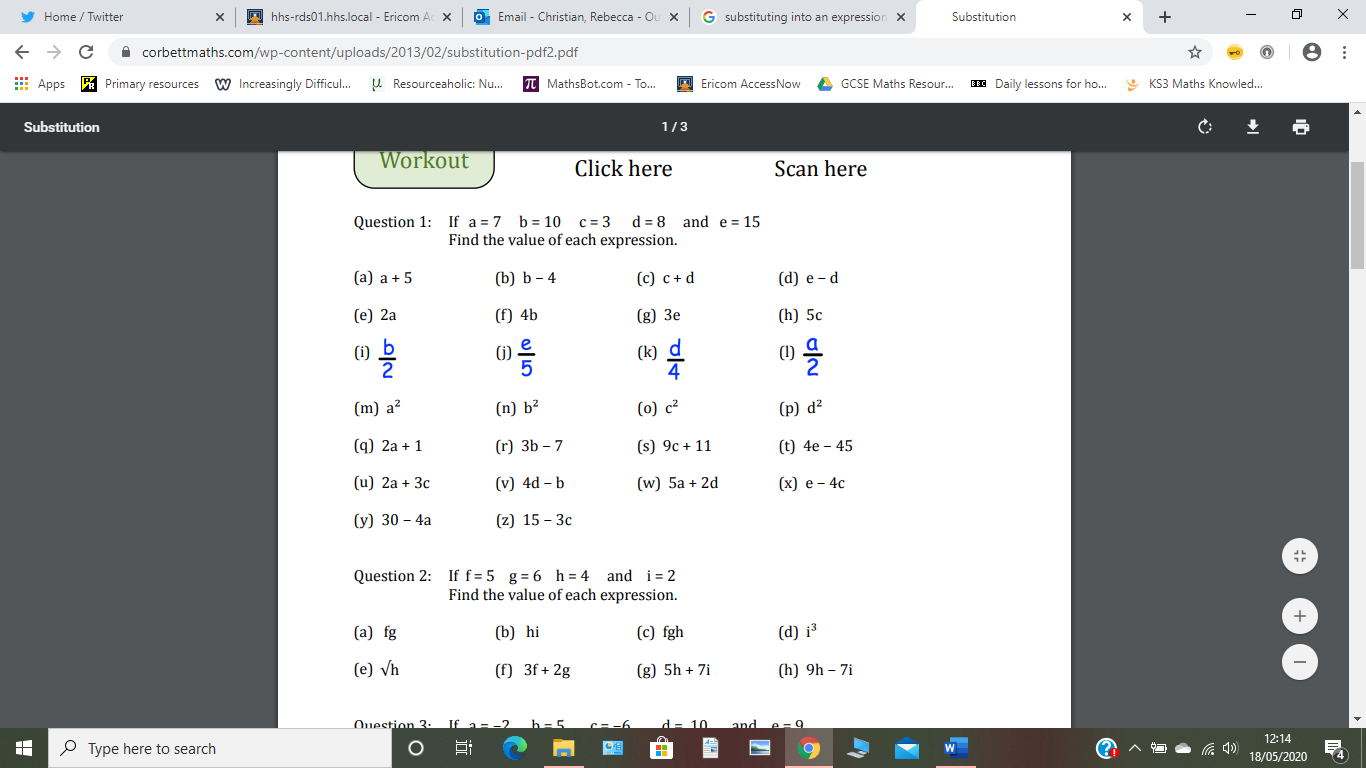


**Expanding Single Brackets Answers:**



**Substitution**

**Example:**





**Substitution Answers:**

