## 1 – Note taking

You will need to take notes from one of the following sources. Corbett Maths videos are freely available. If you have a Hegarty Maths login from Y11, then you may prefer to use that.

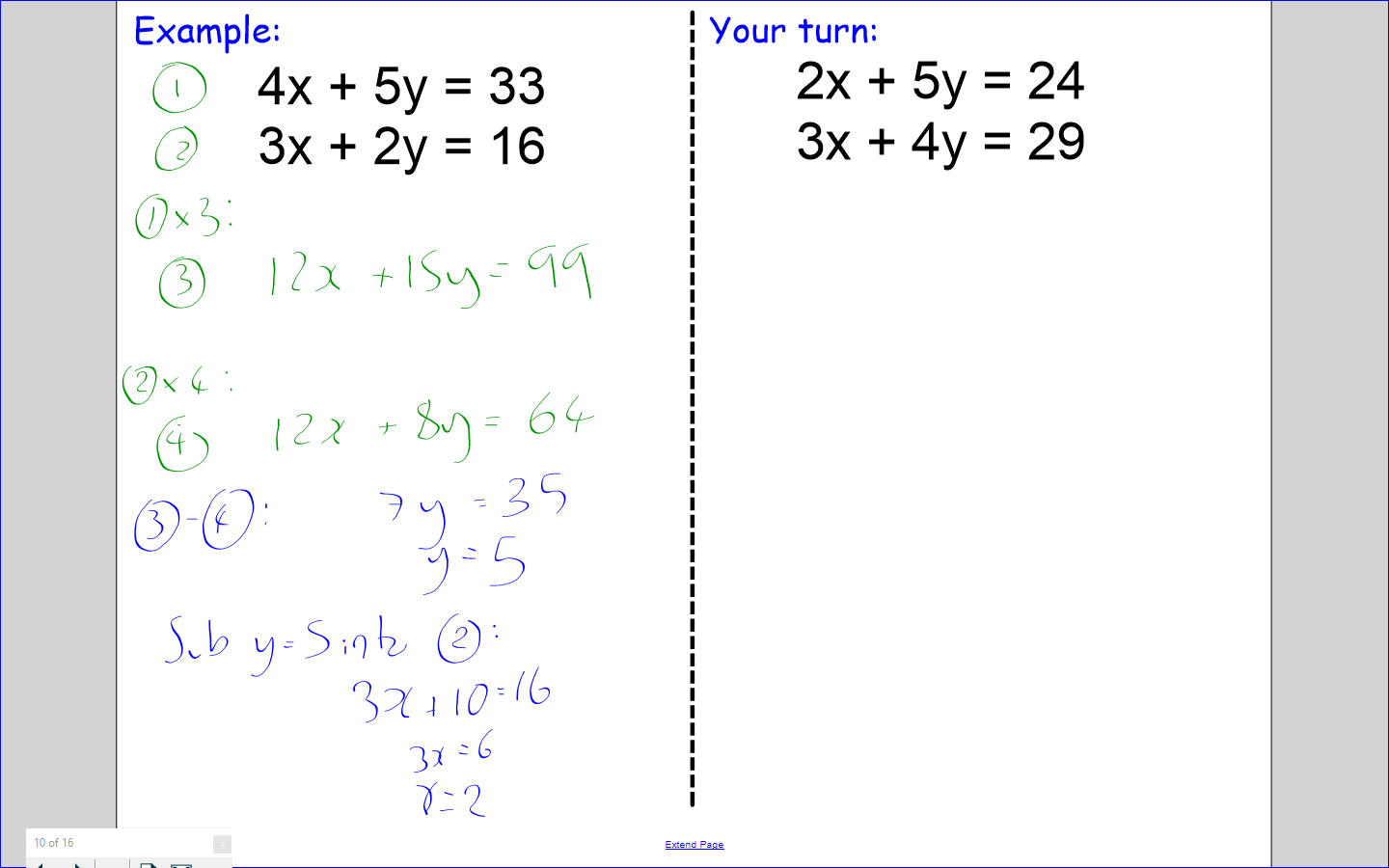
**Corbett Maths video**: <https://youtu.be/phlus4x0UqM>

**Hegarty Maths video**: 193 – Simultaneous equations by elimination 4

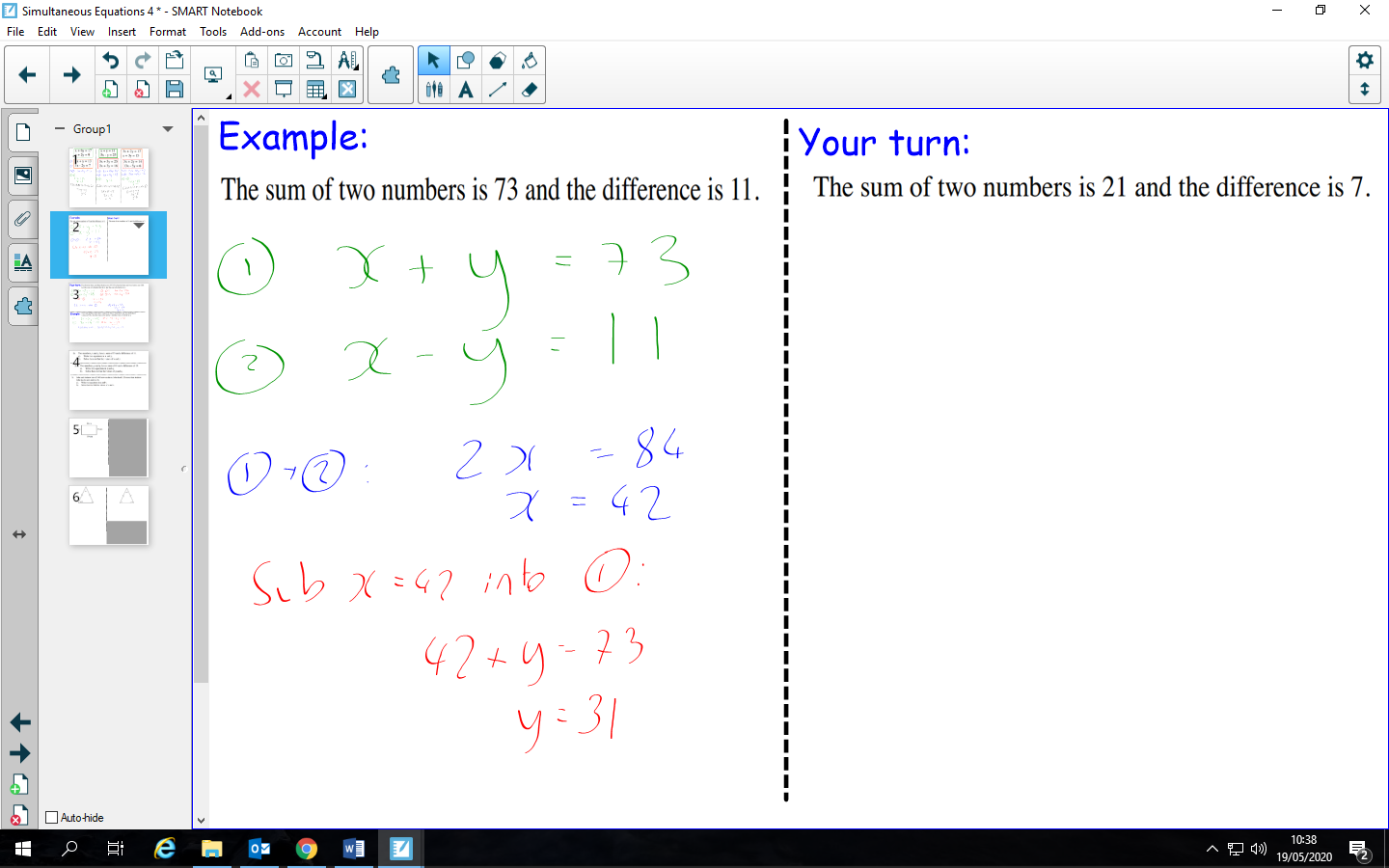
## 2 – Worked Examples

Read through the Worked Examples, then use the same method and layout to attempt the ‘Your turn’.

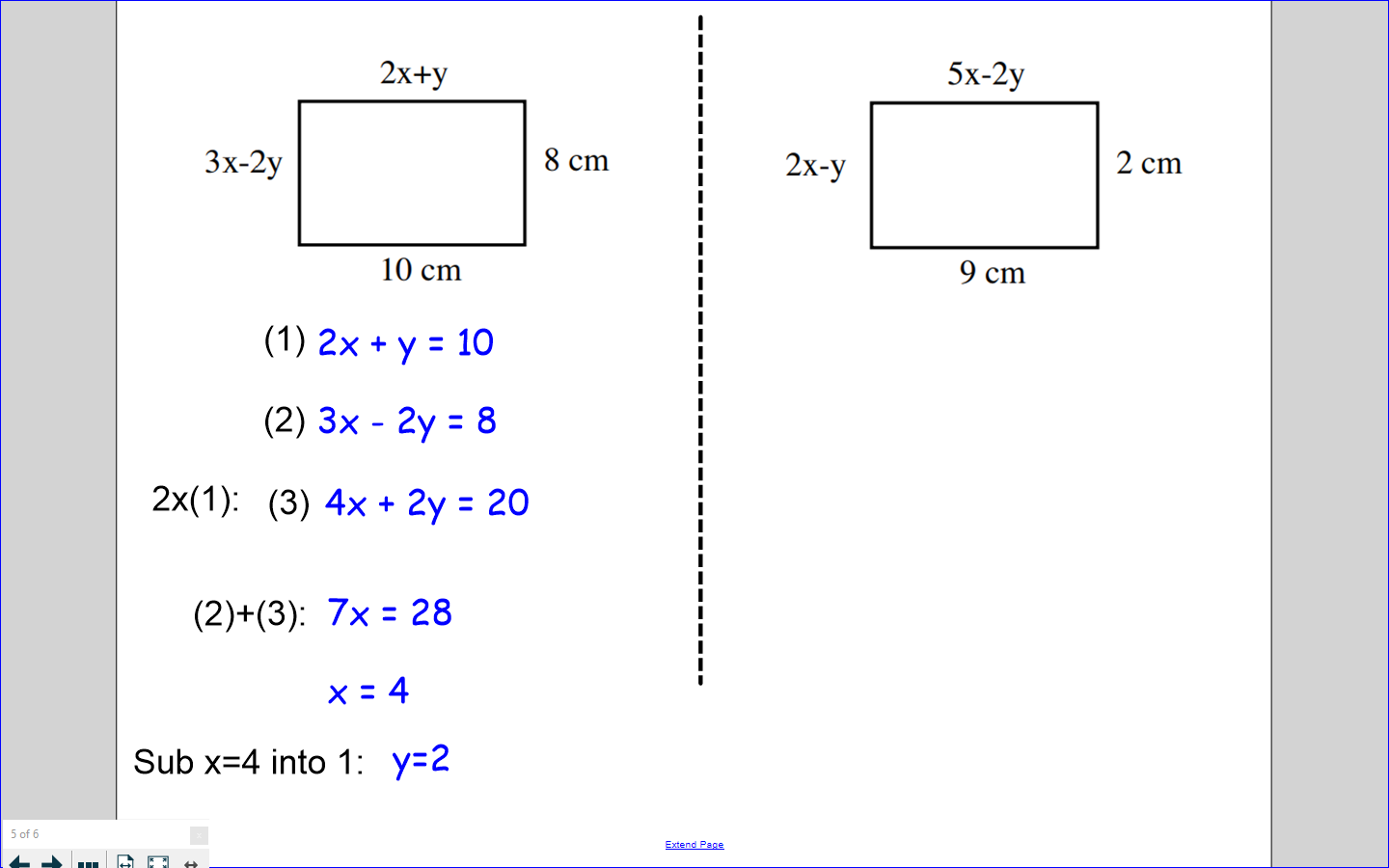
**Worked Example 1:**



**Worked Example 2:**



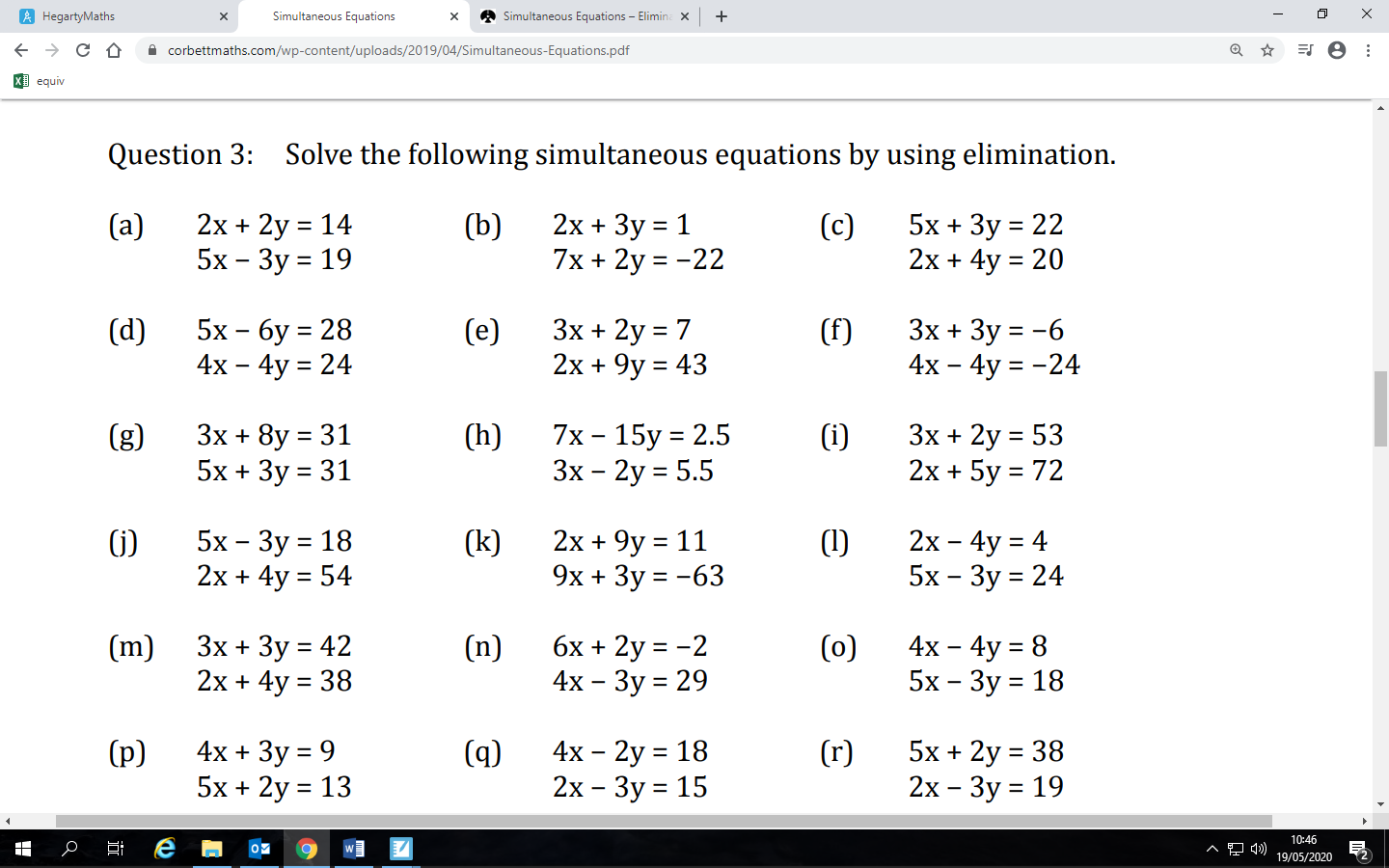
**Worked Example 3:**



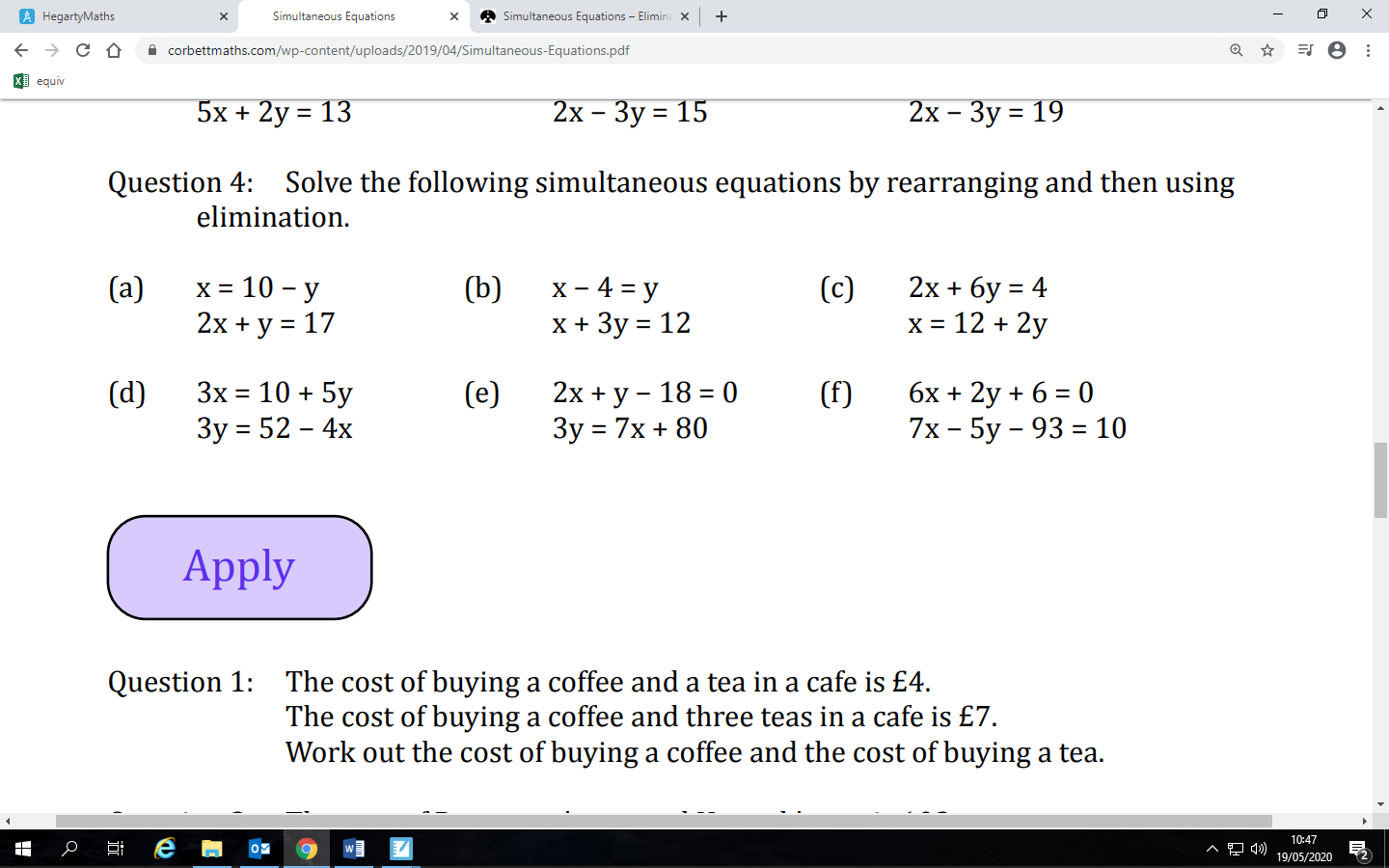
## 3 – Practice

Complete the three tasks, and use the answers to mark your work after.

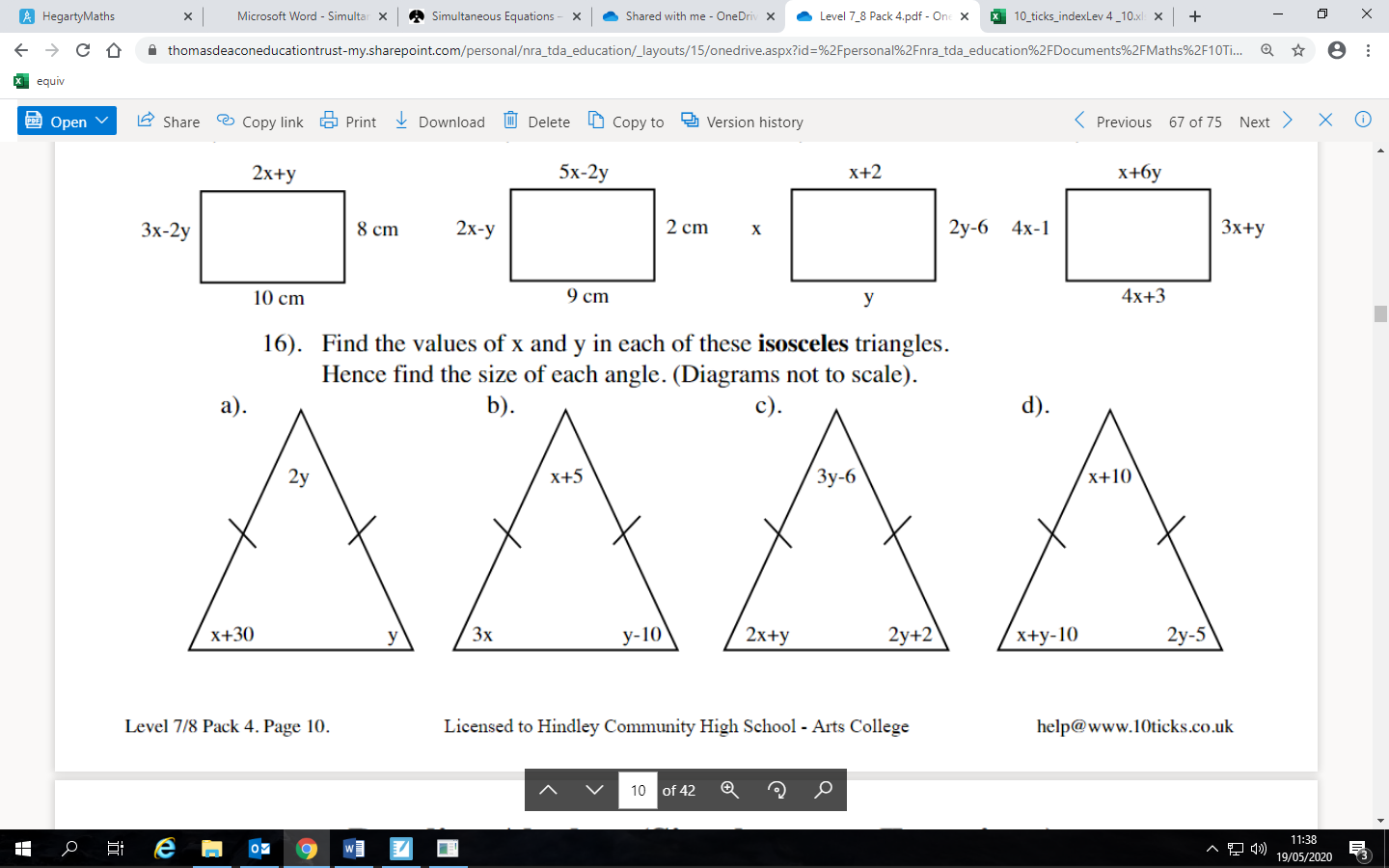
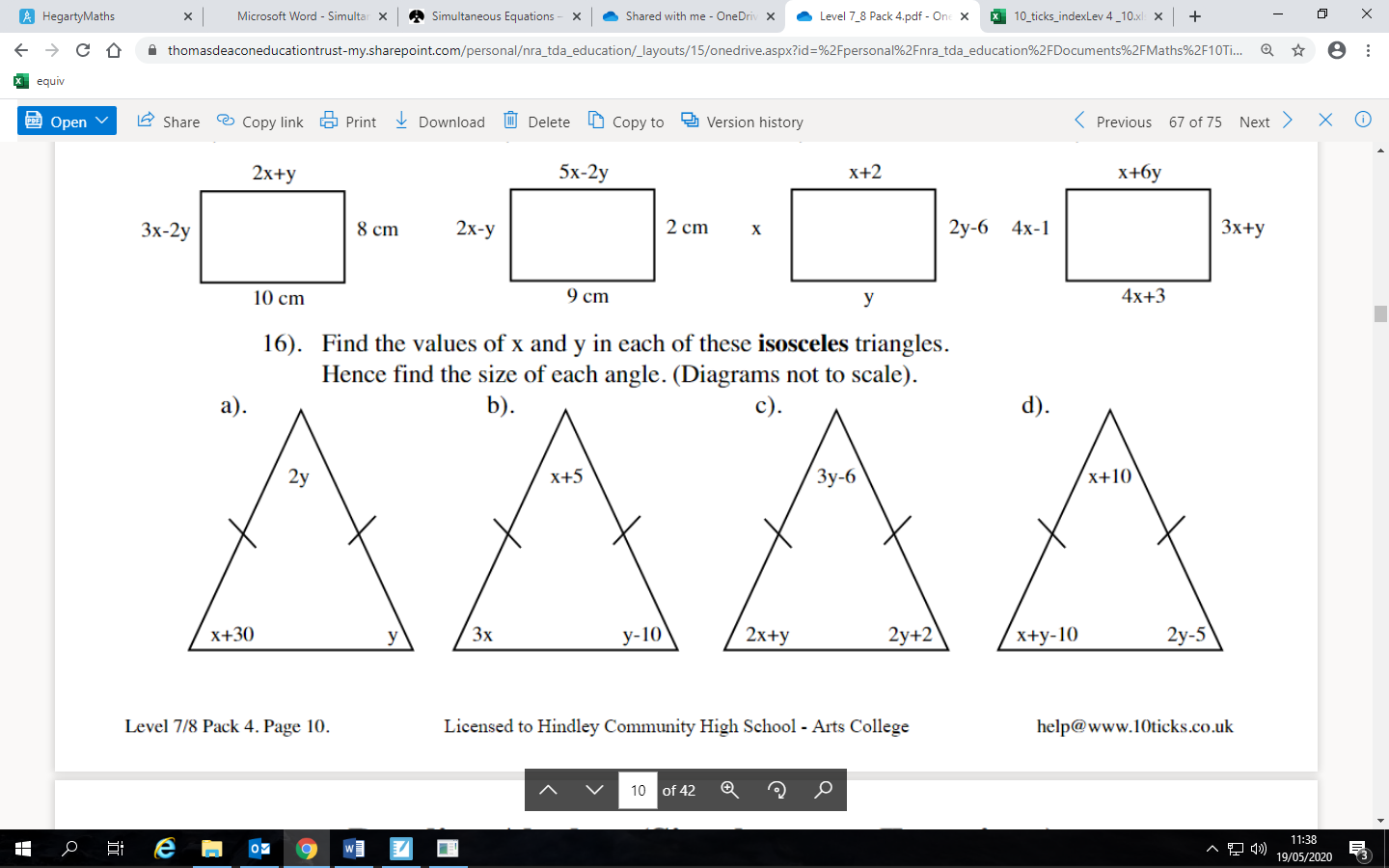
**Task 1:**

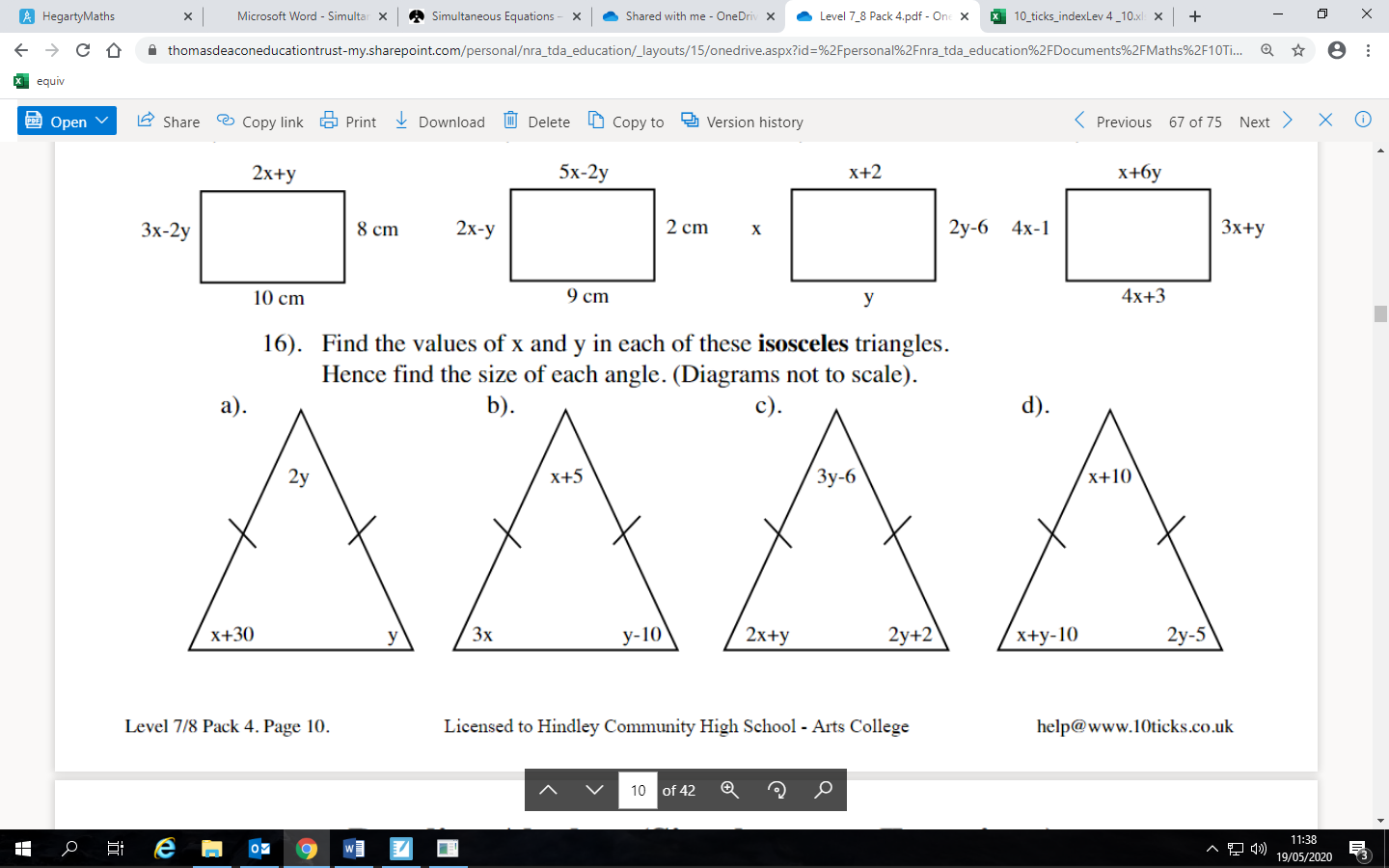


**Task 2:**

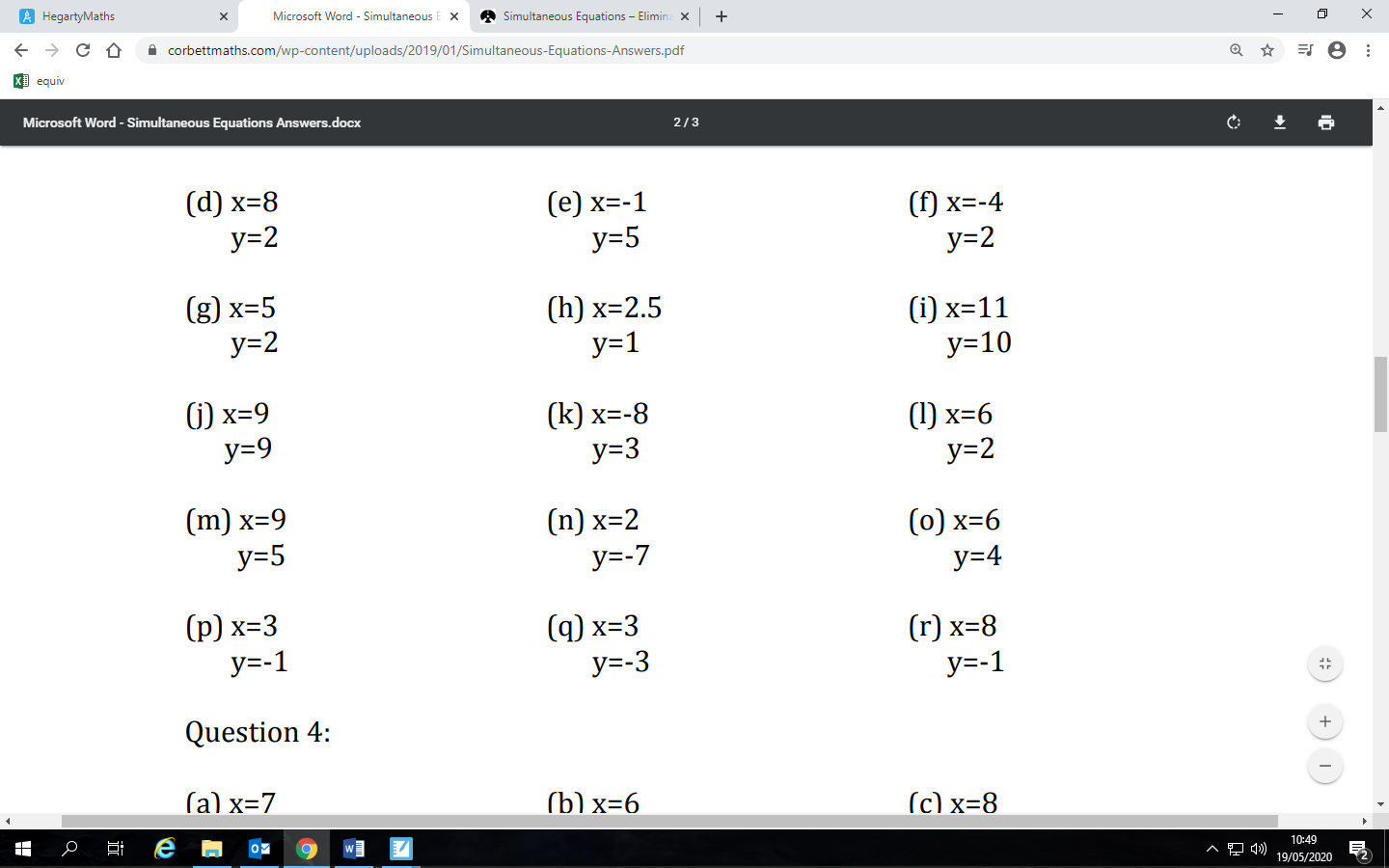
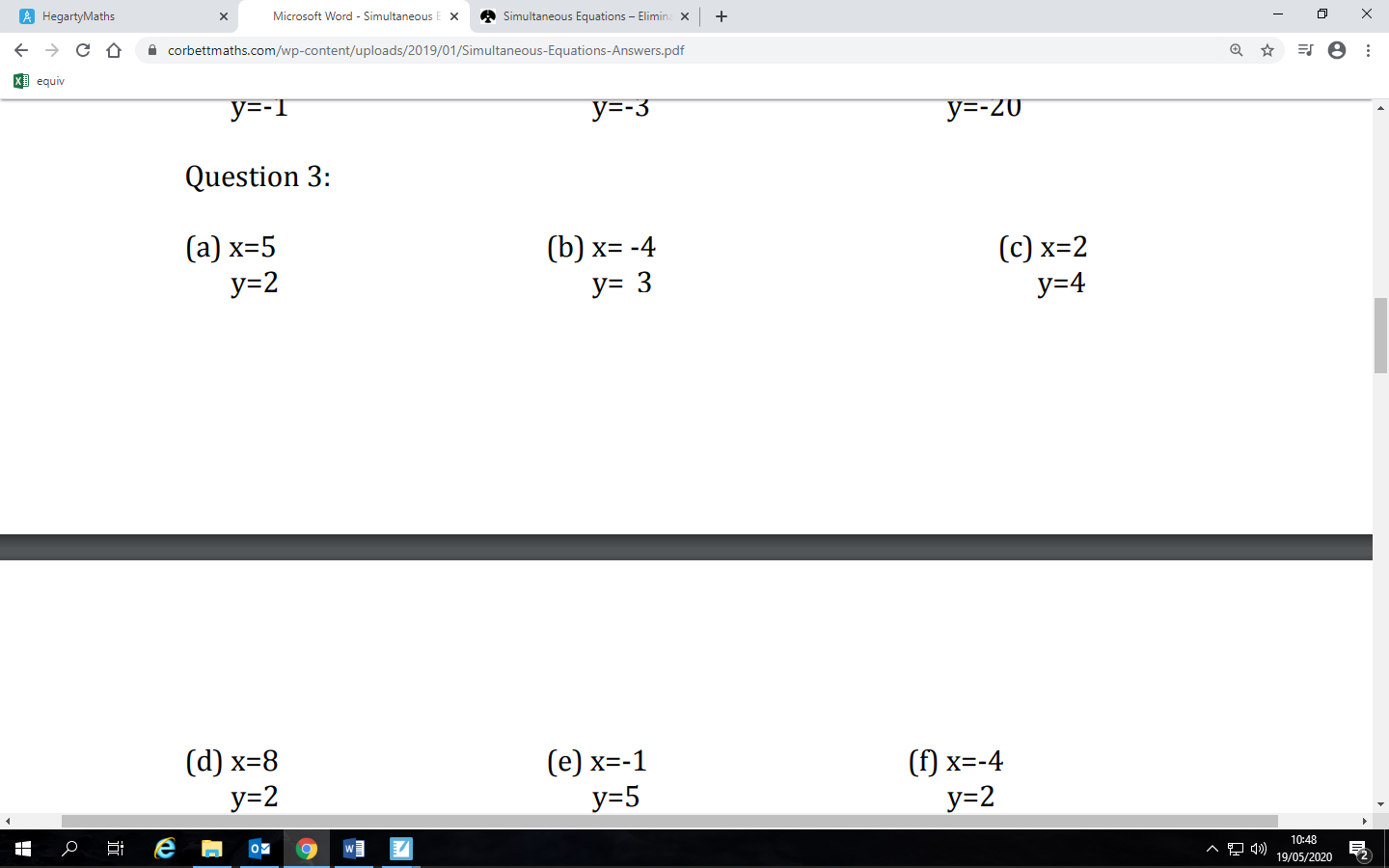


**Task 3:**

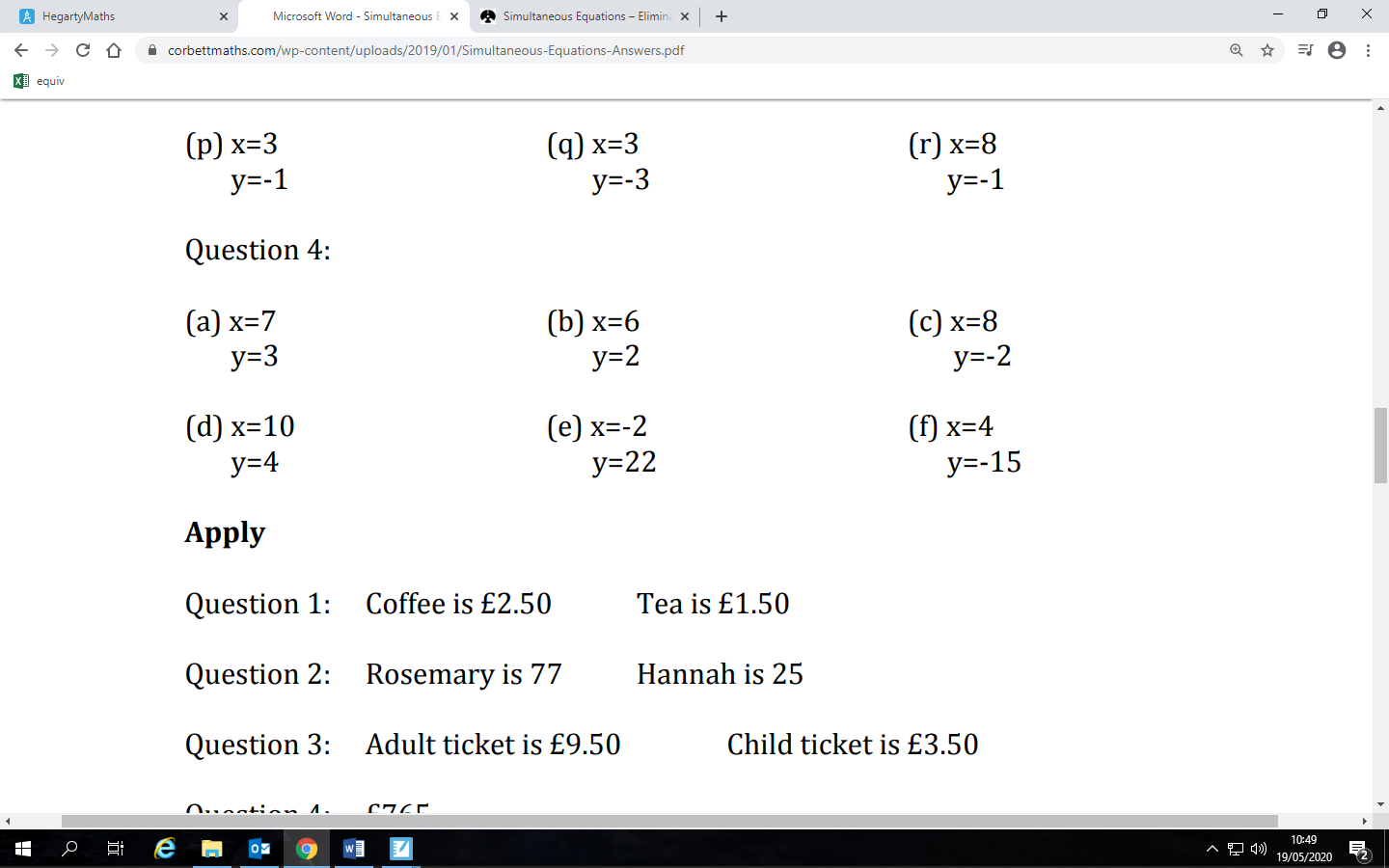
**c)** **d)**



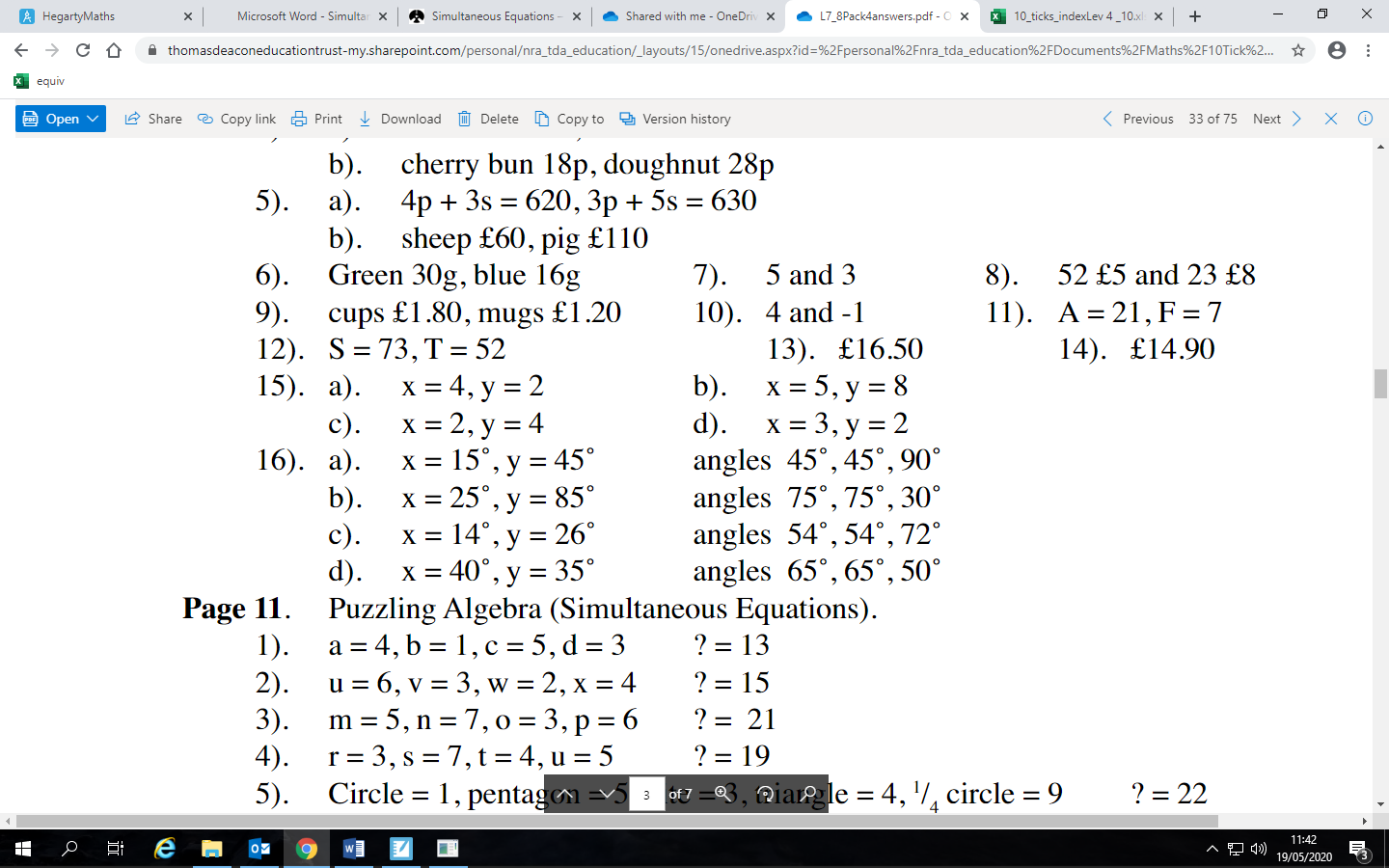
**Answers 1:**



**Answers 2:**

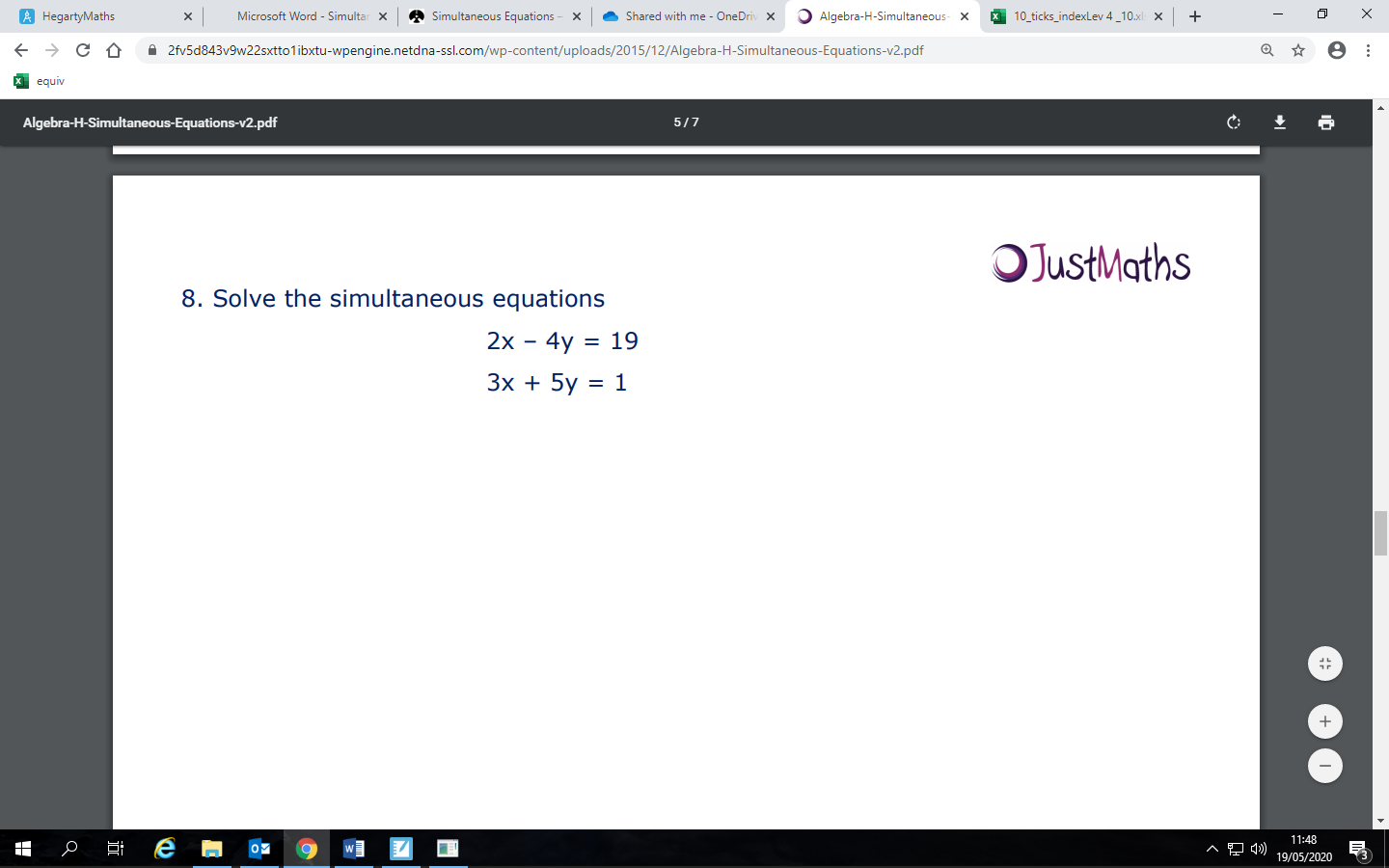


**Answers 3:**

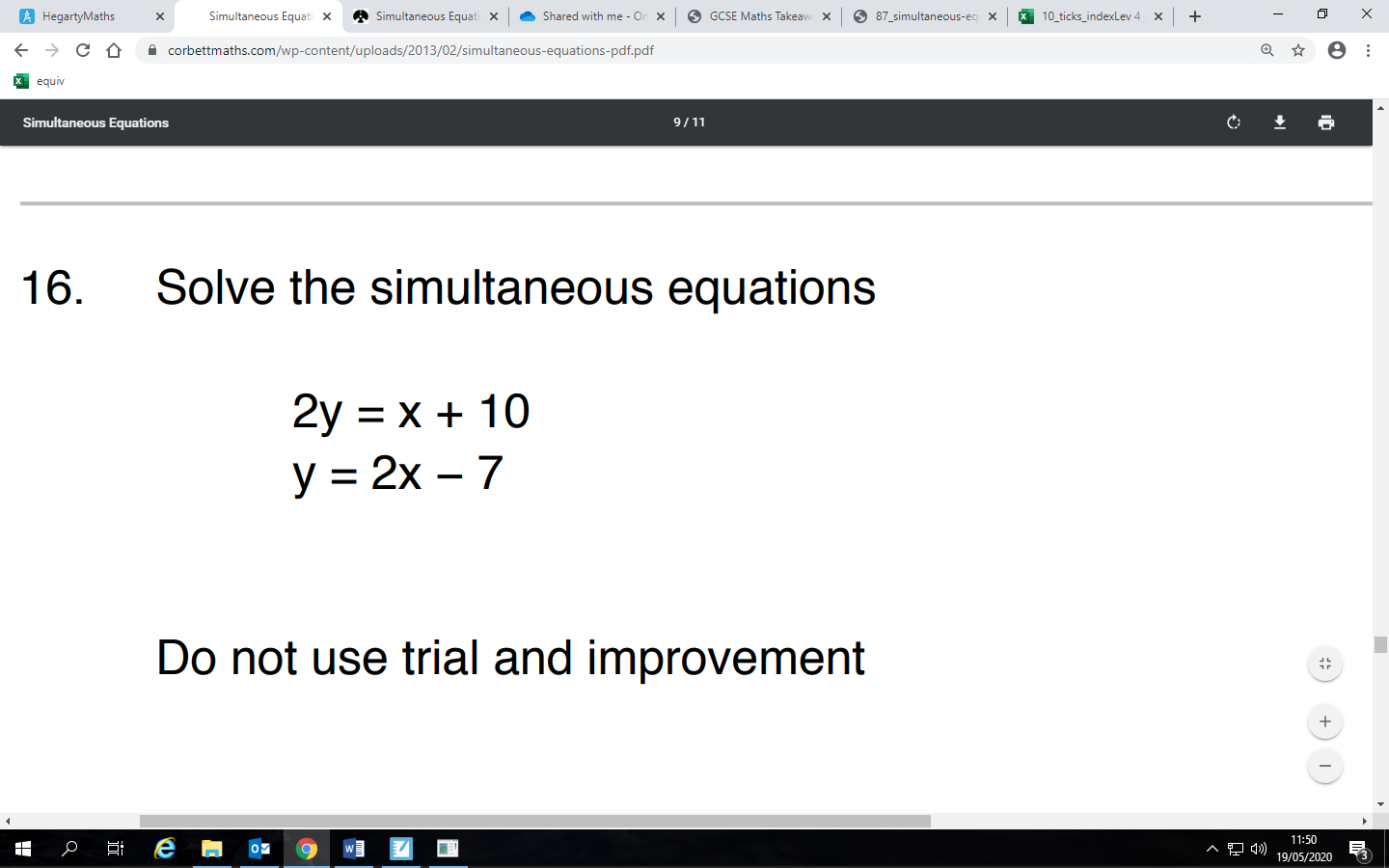


## 4 - Assessment

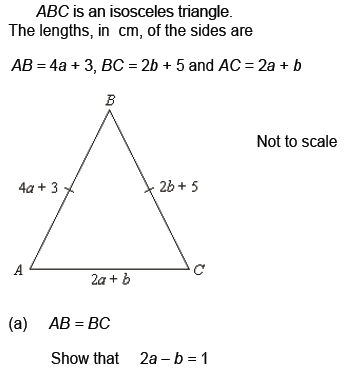
1. Solve the simultaneous equations:



1. Solve the simultaneous equations:



3)



The perimeter of the triangle is 32cm. Find the values of a and b.