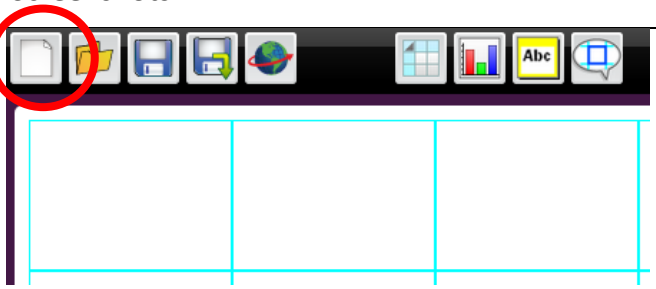
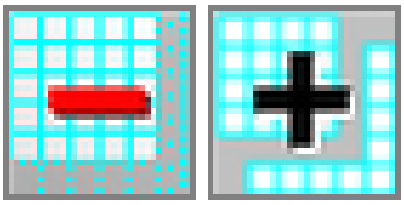
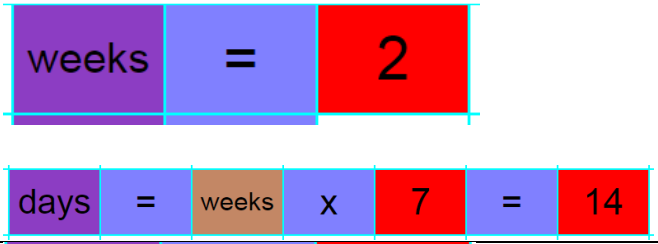
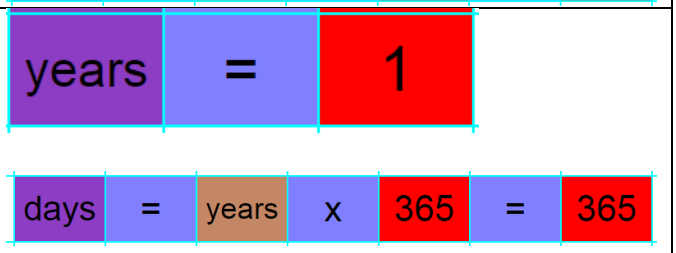
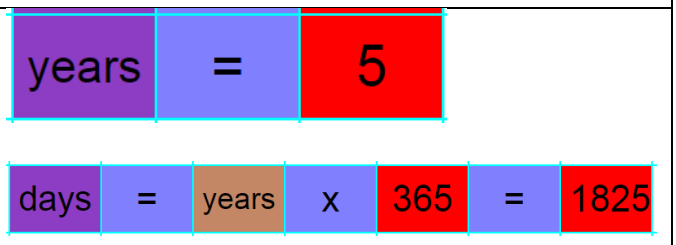
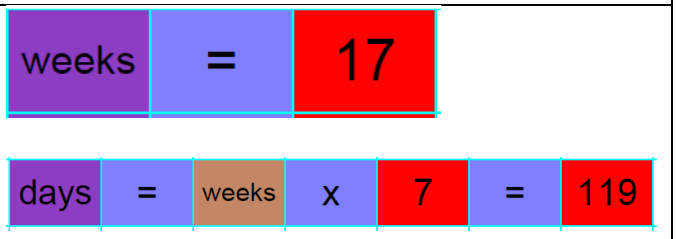
2Calculate – Activity Helpsheet & Lesson Ideas

Phase:	Upper KS2
Lesson:	Making Formulae
Curricular Links	Computing, Numeracy
National Curriculum Link	• Numeracy – Year 6 – Algebra - use simple formulae • Computing - KS2 - select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information
Aim:	• I can create simple formulae that use different variables.
Success Criteria:	• I can create a formula that will work out how many days there are in x amount of weeks or years.
Lesson Overview	Learn to create formulae that use text variables. Calculate how many days in x amount of years.

Explanation & ideas	**Screenshots:**
1. Create a blank worksheet by clicking on the new page icon at the top left of the screen	
2. For this lesson, you may need more cells in your spreadsheet. To add extra cells to your spreadsheet, look at the bottom right of the screen and find the 'add and delete cells' icons. Click the add cells icon until the sheet is the size you want it to be.	
3. We will start this lesson by creating two formulae. The first will convert weeks into days and the second will convert years (non leap years) into days.	

Explanation & ideas	Screenshots:
4. We can then write our variables (weeks and years) out with an equals after each. Whenever we change the value of our variables, the value of our formulae will change as shown in the images that follow.	
5. Example 1	
6. Example 2	
7. Example 3	
8. Example 4	
9. What other formulae and variables can your students create?	