# Make my number

## Make my number - Overview

This program allows children to choose pairs of numbers to add, subtract, multiply or divide. You can set challenges such as: find pairs of numbers that total 20; what calculation gives you the closest answer to 50; find calculations where the answer ends in 3.
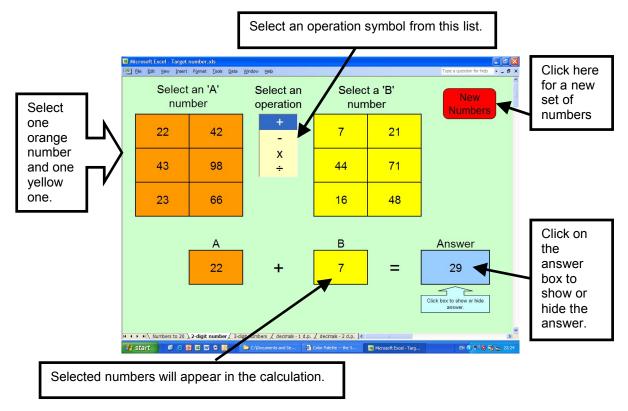
Pupils should talk in pairs/work individually on whiteboards to try out their ideas. You can then check children's suggestions on the interactive whiteboard.

This program can be used to practise number facts and calculation strategies, to explore properties of number or to practise approximating answers.

There are 6 versions:
- Set A: 2-digit numbers    Set B: single-digit numbers
- Set A: 2-digit numbers    Set B: 2-digit numbers
- Set A: 3 digit numbers    Set B: 3-digit numbers
- Set A: decimals with 1 decimal place      Set B: decimals with 1 decimal place
- Set A: decimals with 2 decimal places     Set B: decimals with 2 decimal places
- Blank grids for set A and set B so that you can type in your own numbers

## Make my number - How to use

Select an operation symbol from this list.

Click here for a new set of numbers

Select one orange number and one yellow one.

Click on the answer box to show or hide the answer.

Selected numbers will appear in the calculation.

# Make my number - Key questions and prompts

- Find as many calculations as you can that have an answer between (100) and (200). How did you identify these? (encourage children to approximate)
- Find calculations where the answer ends in (6). How did you go about this?
- Your target answer is (50). How close can you get?
- Which division calculations will give a whole number answer?
- Suggest some calculations that give an even answer.