Rounding

Rounding - Overview

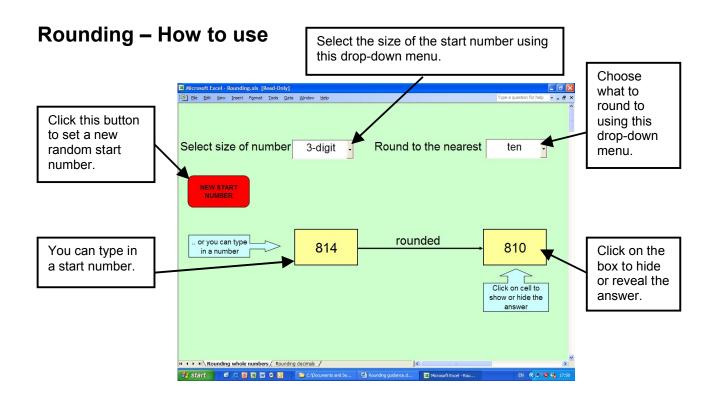
This programme gives pupils practice in rounding numbers. There are two versions:

Whole numbers

- Choose whether you want to look at 2-digit, 3-digit, 4-digit or 5-digit numbers.
- Choose whether to round to the nearest ten, hundred or thousand.

Decimals

- Choose whether you want to look at numbers with 1 decimal place, 2 decimals places or 3 decimal places
- Choose whether to round to the nearest whole number, tenth or hundredth.



Rounding - Key questions and prompts

- What is this number rounded to the nearest? How do you know?
- Which digits are important when you round to the nearest ...?
- Which multiples of 10/100/1000 does this number lie between? Which is it closer to? How do you know?
- What other start numbers will also round to the same answer? (test suggestions by typing them in to the start box). What is the smallest/largest possible start number that would round to the same answer?
- Ask children to round the same start number to the nearest 10, 100, 1000 (or whole number, tenth, hundredth). Check suggestions by changing the right hand drop-down menu.
- Find a number that give the same answer when it is rounded to the nearest ten and when it is rounded to the nearest hundred (e.g. 295).
- Give two numbers with a difference of 10 that give different answers when rounded to the nearest 100.