



Worksheet 1

Multiplying Mice

Magic Formulas 1

Did the mouse really multiply to become 'mice'? It was a mathematical mystery that was pretty easy to solve in the end. How about trying this funny mathematical situation?

Follow the steps yourself or instruct a friend.

Magic Formula

1. Write down your age
2. Multiply it by 2 (x2)
3. Subtract 3
4. Times that by 50
5. Add 39
6. Add any change in your pocket
(if none, add zero!)
7. Add 111

Example:

Let's say you are 12

$$12 \times 2 = 24$$

$$24 - 3 = 21$$

$$21 \times 50 = 1050$$

$$1050 + 39 = 1089$$

$$5 \text{ cents}, 1089 + 5 = 1094$$

$$1094 + 111 = 1205$$

The first part of your answer should be your age, the second part should be the change in your pocket!

In the example on the right, the answer was:

