

*Here is an alternative and more unusual version of the "Think of a Number" trick which you may have heard of before.*

Think of two whole numbers under 10.

Take one of them and add 1.

Multiply by 5.

Add 1 again.

Double your answer.

Subtract 1.

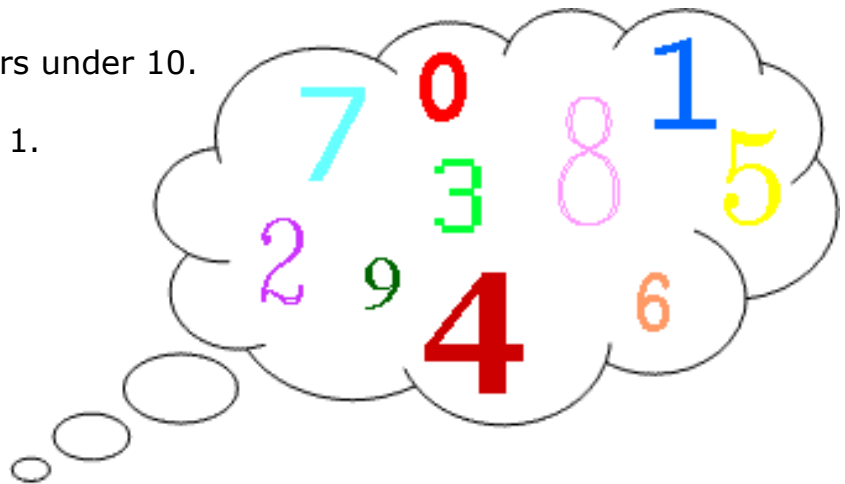
Add your second number.

Add 2.

Double again.

Subtract 8.

Halve this number and tell me your answer.



From your answer I can work out both your numbers very quickly. How?

Choose some different pairs of numbers and repeat the process.

Can you figure out how the trick works?