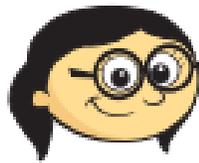# Maths Challenge: Forming Equations

Annie has a number trick.

Whatever number you choose, I will make your answer be 5

Here is Annie's trick.

Step 1: think of a number

Step 2: double it

Step 3: add 10

Step 4: divide by 2

Step 5: take away the number you first thought of

a) Pick a starting number and follow the steps.

Did you get the answer 5?

My starting number is _____

b)

Write an expression for each step of Annie's trick.

Step 1: _____

Step 2: _____

Step 3: _____

Step 4: _____

Step 5: _____