

I'm thinking of a number...

what is it?



Arithmetic
Solution

Algebraic
Expressions

Algebraic
Solutions

1. I'm thinking of a number, I then..
add 8,
to get 21.

2. I'm thinking of a number, I then...
multiply by 2,
and add 3,
to get 15.

3. I'm thinking of a number, I then...
add 2,
and multiply by 3,
to get 18.

4. I'm thinking of a number, I then...
square the number,
and add 1,
to get 26.

ASSIGNMENT

Create three "Thinking of a Number" problems similar to those shown above. Each should be unique and involve at least two operations. Be sure to write the algebraic equation and show how you solve the equation to get the original number that you were "thinking of."

Extra Credit:

- Option 1 - Create a problem that involves the distributive property.
- Option 2 - Create a problem that involves more than two operations.

