



These Silver questions extend algebra to two-step equations and simple expressions.

Name: _____ Date: _____

Section A: Two-Step Equations

1. If $2x + 5 = 19$, what is x ?

2. If $3y - 4 = 20$, what is y ?

3. If $x/2 + 3 = 10$, what is x ?

4. If $5a - 8 = 27$, what is a ?

5. If $2(x + 3) = 16$, what is x ?

Section B: Expressions & Sequences

1. If $a = 6$, what is the value of $2a + 5$?

2. If $b = 3$, what is the value of $b^2 + 4$?

3. Write an expression for "a number tripled, then subtract 4".

4. What are the next two numbers in this sequence: 5, 9, 13, 17, __, __?

5. A sequence starts at 3 and the rule is " $\times 2$, then $+1$ ". What are the first four terms?
