



Algebra

Bronze

Algebra is introduced formally in Year 6 - using letters to represent unknown numbers. These questions build the basics before secondary school.

Name: _____ Date: _____

Section A: Simple Equations

1. If $x + 8 = 15$, what is x ?

2. If $y - 5 = 12$, what is y ?

3. If $4x = 32$, what is x ?

4. If $x \div 3 = 9$, what is x ?

5. If $2x + 3 = 17$, what is x ?

Section B: Expressions & Sequences

1. If $a = 5$, what is the value of $a + 7$?

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

3. Write an expression for "a number doubled, then add 6".

4. What are the next two numbers in this sequence: 3, 7, 11, 15, __, __?

5. What is the rule for this sequence: 2, 4, 8, 16, 32?
