



Grade: Grade 7 · Mathematics

Algebra Starter Lab

Focus: Algebra · Equations · Variables

1. Solve $5x + 3 = 18$.
2. Find x if $2x - 7 = 9$.
3. Simplify $3(x + 4)$.
4. Expand $2(a + 5)$.
5. Substitute $y = 4$ into $3y + 5$.
6. Create your own simple equation.
7. Solve for n in $n/3 = 9$.
8. Write one real-world example using algebra.
9. Check your answer by substitution.
10. Draw a visual to show the balance method.

Tutoring Tip:

Show how balancing both sides makes solving equations intuitive.