

U1 LT7 Notes*LT 7: SWBAT solve equations with variables on both sides.*

Success Criteria:

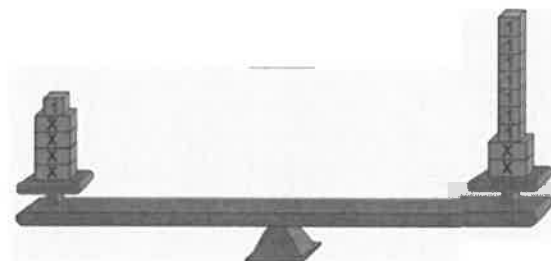
An equation acts as a _____, the _____ separates one side from the other.

Solve for the variable:

Ex 1: $2x + 2 = x + 4$



Ex 2: $4x + 1 = 2x + 7$



Ex 3: $x - 5 = 5x + 19$

You Try.... Solve the following for y

1. $2y + 10 = 6y + 2$

2. $6n + 1 = 2n - 7$

Ex 4: $2(x - 1) = 2x + 7$

Ex 5: $3x + 3 - 2x = x + 3$

**When both variable
terms cancel to
zero....**

Exit Ticket:

Solve

1. $5w + 7 = 3w - 9$

2. $-2(y - 4) = 7y - 28$

Success Criteria: I can use inverse operations to isolate variable terms on one side of an equation and solve for the unknown.

GOT IT! (4)

Kinda (3)

Maybe (2)

Nope (1)