1.3

SOLVING EQUATIONS WITH VARIABLES ON BOTH SIDES (DAY 2)

No Solution vs Identity

An equation has **NO SOLUTION**:
if once you solve, one side can NOT be equal to the other side...

An equation is an **ALL REAL SOLUTIONS**:
if once you solve, one side is ALWAYS equal to the other side...

Examples

$a)$ $13 + x = 2x - 8$

$b)$ $2m - 6 = -6 + 2m$

$c)$ $3x = 3(x + 4)$