1.2 SOLVE MULTI-STEP EQUATIONS (DAY 3)

Solving Two-Step Equations

- Solve by using the INVERSE operation to undo operations
- Undo two-step equations by doing PEMDAS backwards!!

$a)\ 3x - 25 = -37$

$b)\ 91 = \dfrac{p}{-5} + 84$

Practice

$c)\ -3x + (-x) = 48$

$d)\ \dfrac{1}{4}y + 5 = 3$

Solving Multi-Step Equations

- **Simplify (combine like terms) if you can**
- **Solve**

$e)\ 5a - a - 7 = 13$

Practice

$$f) \ -4n - 8n + 17 = 23$$

Solving Multi-Step Equations

- Distribute if possible
- Simplify
- Solve

$$g) \ 4m + 8(z - 3) = 36$$

Solving Multi-Step Equations

- Distribute if possible
- Simplify
- Solve

$$h) \ -3(x + 2) + 5x = -9$$