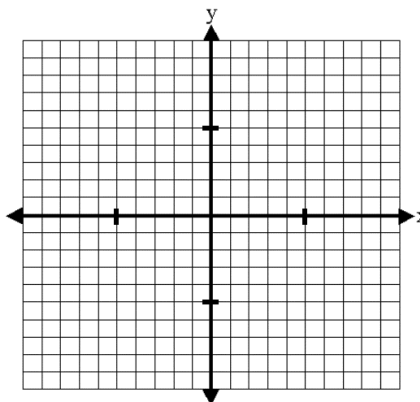


Day 1: Solving FOR a Certain Variable

#1

Intro:Graph $2x + y = 6$ 

Solving **FOR** a certain variable, is similar to solving regular equations. You follow the same process but remember, you can only combine _____ terms.

Notes:

Solve this equation for x:

$$2x - 6 = 18$$

Solve this equation for x:

$$2x - 6y = 18$$

You Try:

Solve each equation for y:

1) $10x - 5y = 35$

2) $2x - 5y = 3$

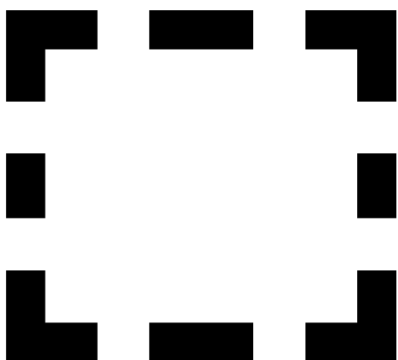
Unit 4- Point Slope & Standard Form

3) How are the resulting equations in **problems 1-2** (when y is isolated) similar? How are they different?

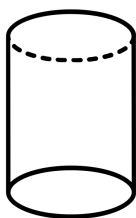
Examples with FORMULAS:

4. Solve for w : $2w + 2l = P$

5. Solve for h : $V = lwh$



Created by Alexander Gruzdev
from Noun Project



Created by Sam Martin
from Noun Project

Unit 4- Point Slope & Standard Form

GROUP PRACTICE

For each problem: (a) Solve each equation for Y, then (b) Compare your answer to the other members of your table group, and finally (c) Have one person from your table write your group's ANSWER on the appropriate poster around the room

1) $2x - 5y = -10$

2) $5x + 2y = 10$

3) $x - 3y = 12$

4) $2x - y = -1$

5) $x - 2y = -6$

6) $2x + 3y = 15$