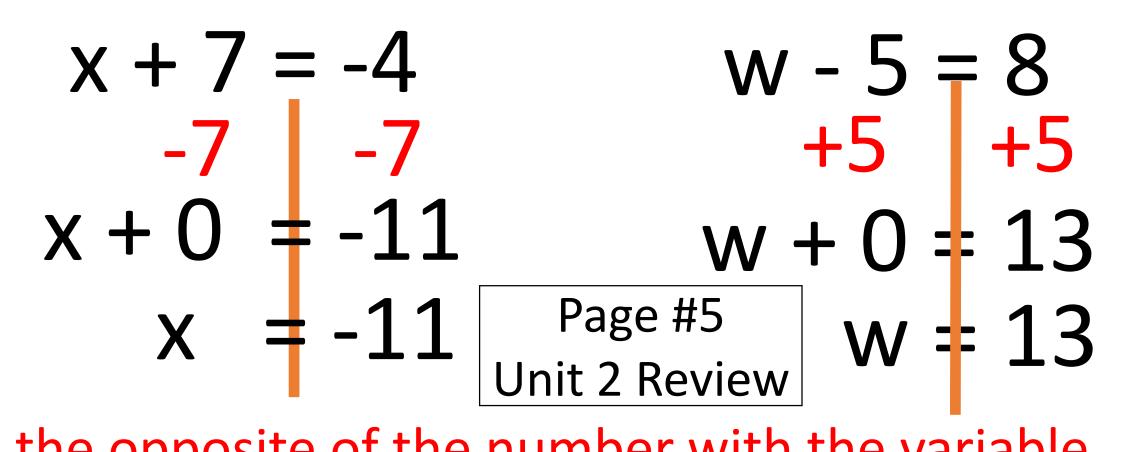
#### Activator

## Solve the equation for the variable (number). Determine the value (number) of the variable.



Do the opposite of the number with the variable.

### Today's Objective Unit 2 Lesson A

# Students will be able to review Unit 2 solving equations.





## Today's New (1 of 4) Unit 1 PEMDAS Unit 2 PSADME

Use opposites in Unit 2 to determine the missing.

Page #5 Unit 2 Review

Parentheses Exponents **Multiply** Divide Add Subtract

	the va	+2	ariable + w w - 2	es. = -10 = -10 +2
				+2 = -8
X =	- 8	Page #5 Unit 2 Review	W	

#### Today's New Vocab (3 of 4) Page #5 Solve the two step equation. Unit 2 Review -5x + 4 = -6 What is happening to x? Multiplied by -5 -4 -4 Then, add 4 -5x = -10Do opposite backwards $\div -5 \div -5$ **PSADME** x = 2

Today's New Vocab (4 of 4) There are **TWO MISTAKES** in this problem. Can you find them? Solve it correctly. 4 - 2x = -24 - 2x = -2+4+ 4 -4 Page #6 Unit 2 Review 2x = 2-2x = -6÷-2 ÷ -2 (1) Opposite of 4 is -4 (2) Forget to bring down the minus  $\mathbf{x} = \mathbf{3}$ sign with the left 2

## Group Work Questions

#### Pages 7-8 Unit 2 Review

Directions: All groups, please do all of the questions. Use your notes to help you. [Ask 2 people before you ask me.]

#### Stop at 9:26 or 10:56 or 12:50 or 2:15

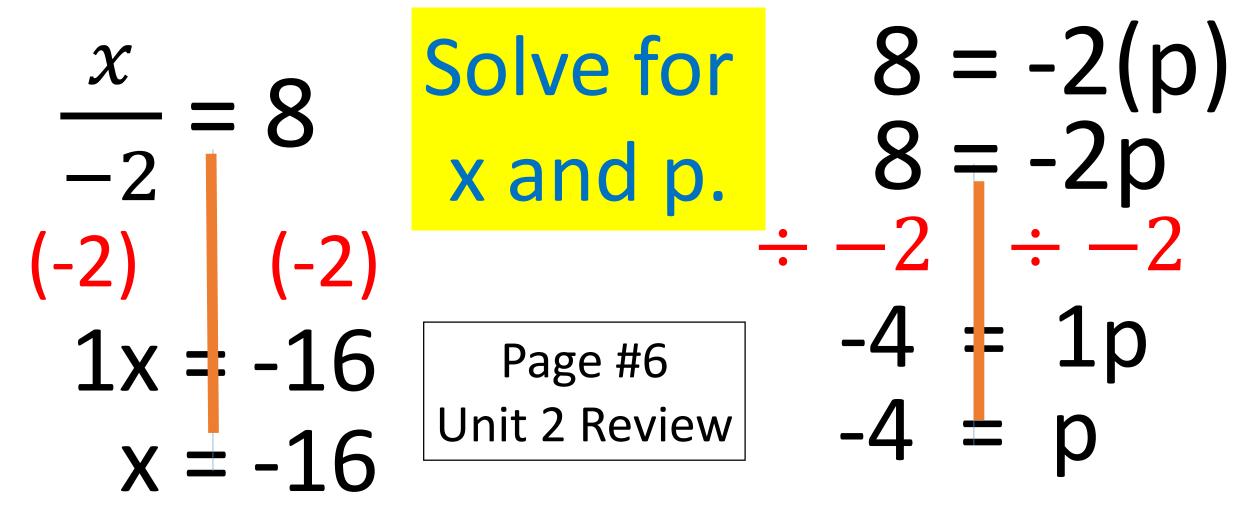
Do a few questions on the study guide if you finish early. \*One person from each group will present one question.

#### **Group Wars**

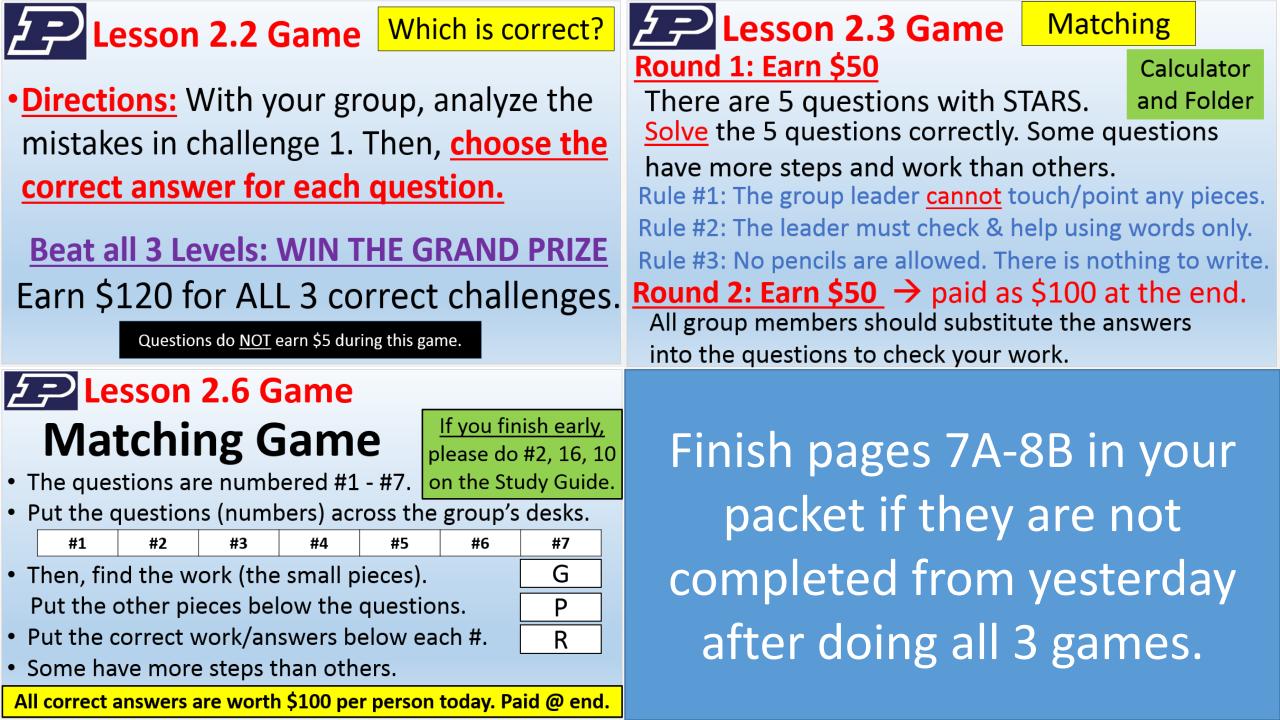
Solve the three step equation. Explain each step.

3(5x - 4) = 18P() Distribute 15x - 12 = 18Addition +12 +12 15x = 30Divide  $\div 15 \div 15$ Page #6 x = 2**Unit 2 Review** 

### **Exit Ticket**



Do the opposite of the number with the variable.



#### Activator

#### Page #6 Solve the left equation. Unit 2 Review 4x = / 3x + 7 3x + 4x = 21-3x \-3x 7x = 211x = 0 + 7 $\div 7 \div 7$ x = 3x = 7

Why are the x's subtracted in the right equation? The x's are on different sides of the equation =.