

Activator

Evaluate (substitute) into the expression
when $A = 3$ and $B = 4$ and $C = 5$.

$A + B$	$A(B)$	$A + BC$
$(3) + (4)$	$(3)(4)$	$(3) + (4)(5)$
		$3 + 20$
7	12	23

Today's Objective

Unit 1 Review

Students will be able to review
Unit 1 concepts in preparation
for the Final Exam.





Definition

to determine the number using replacement

Facts

(1 of 4)

The answer will be a number

Page #1
Review 1

Substitute

Example(s)

If $x = 4$, what is $2x$?
 $2(4)$ is 8

Non-Example(s)

This is solving.

$$\begin{array}{r} x + 4 = 5 \\ -4 \quad -4 \\ \hline x = 1 \end{array}$$

Today's New Vocab (2 of 4)

Evaluate (substitute) the expression

when $x = 7$ and $y = 8$ and $z = 9$.

$$-4y + x$$

$$6z - 10y$$

$$-4(8) + (7)$$

$$6(9) - 10(8)$$

$$-32 + 7$$

$$54 - 80$$

$$-25$$

$$-26$$

Today's New (3 of 4)

Simplify the following expression.

$$6(-3(4 - x) - 2x)$$

$$6(-12 + 3x - 2x)$$

$$6(-12 + 1x)$$

$$-72 + 6x$$

Are you able to substitute here?

No, Why?

No x-value given.

Today's New (4 of 4)

Evaluate the following expressions

when $x = -11$

Can you table expressions? Yes

$$-72 - 6x$$

$$-72 - 6(-11)$$

$$-72 + 66$$

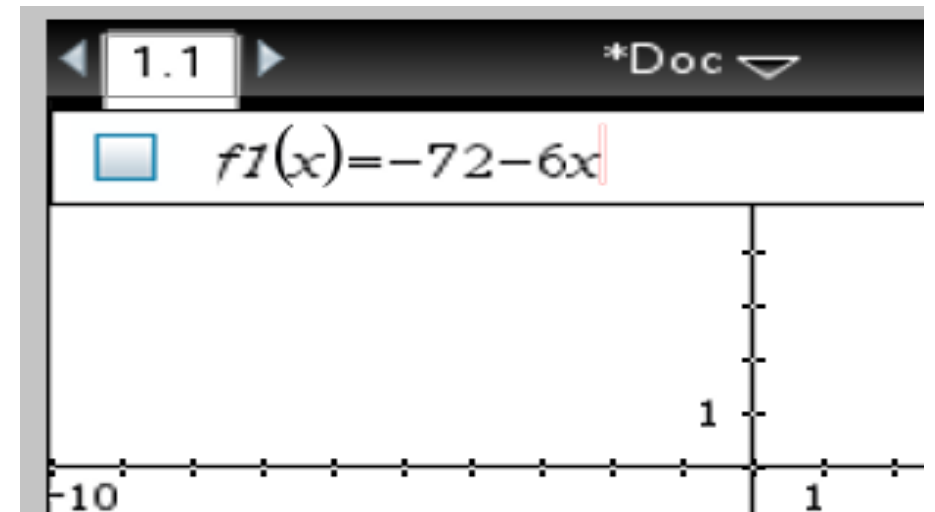
$$-6$$

Are you
able to
substitute
here?

Yes, Why?

We know
the value.

x	y
-11	-6



Group Work Questions

Pages 3-4
Review 1

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.

Exit Ticket

Evaluate the following expression

when $x = -4$.

$$4x - 6x - 7 - 3x + 1$$

$$4(-4) - 6(-4) - 7 - 3(-4) + 1$$

$$-16 + 24 - 7 + 12 + 1$$

$$14$$

$$-5x - 6$$

$$-5(-4) - 6$$

$$20 - 6$$

$$14$$

Exit Ticket

Evaluate the expression when $x = -3$.

$$-2(x + 8)$$

$$-2x - 16$$

$$-2(-3) - 16$$

$$6 - 16$$

$$-10$$

Page #2
Review 11

$$-2(x + 8)$$

$$-2((-3) + 8)$$

$$-2(-3 + 8)$$

$$-2(5)$$

$$-10$$

Friday May 3, 2024 Exit Ticket

Do and explain each step.

Page #2
Review 1

$$2(x - 4x) + 5$$

$$2x - 8x + 5$$

$$-6x + 5$$

Distribute

Like Terms

$$2(-3x) + 5$$

$$-6x + 5$$

Can this problem be done in two ways? **Yes**

Game Day

Roll the dice three times. Write down the numbers.

****Worksheet is on the table.**



Lesson 1B
Review Game

Prizes

1st \$50 each,
2nd \$25 each,
All \$100
@ end.

Example

$$2 + 5x$$

$$2 + 5(6)$$

$$2 + 30$$

$$32$$

Calculate your total for each game.

If you finish early, there is a maze for you to do. Earn \$50.