

# Ears, Animals and Ice Cream

## THE STORY

One day, three dogs named Rex, Rona and Ralph were out for a walk together. They saw three rabbits with different colored ears. The dogs thought that was cool and decided to change their ear colors, too! They dyed their ears gold, green and violet. On the walk, they talked about their favorite animals, which were warthogs, camels and moles. They also talked about their favorite ice cream flavors, which were chocolate, banana and cinnamon. Based on the clues, match the dogs with their ear colors, their favorite animals and their favorite ice cream flavors.

## THE CLUES

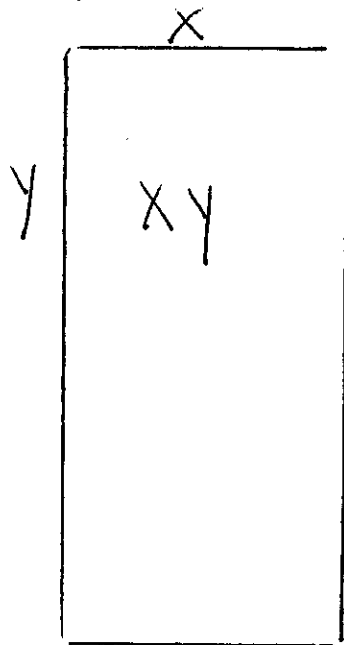
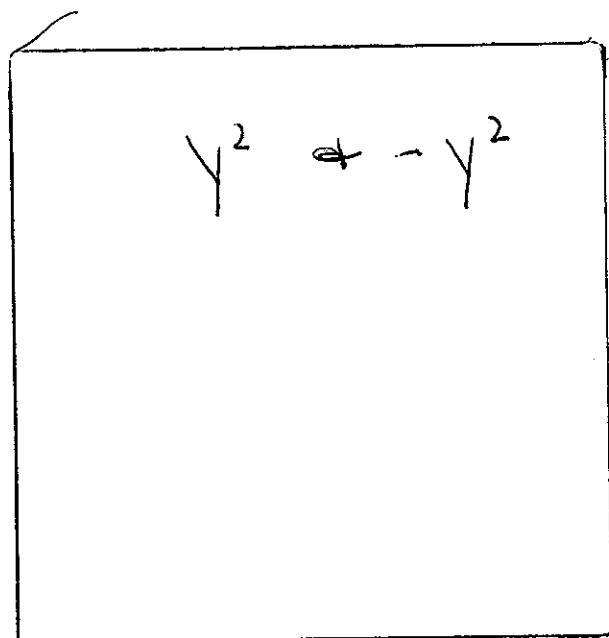
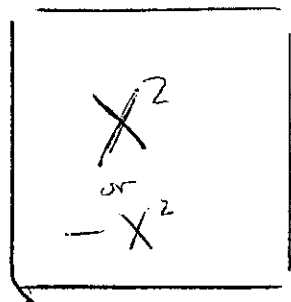
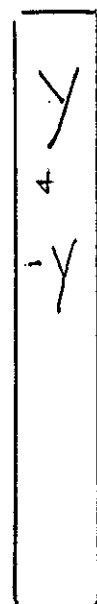
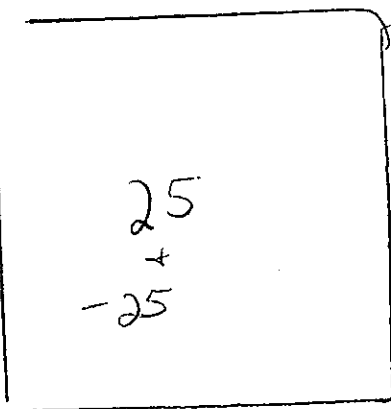
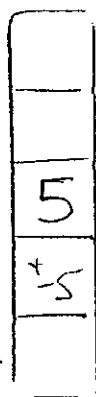
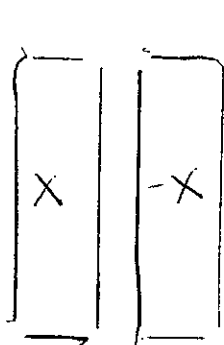
1. Rona thought the dog with the gold-colored ears and the dog that liked cinnamon ice cream were barking up the wrong tree!
2. Rex, who did not like warthogs, thought the green-eared dog and the dog that liked cinnamon ice cream were two milkbones shy of a meal!
3. The dog with violet ears liked camels, and Rex's favorite ice cream flavor was not banana.

Rex	Rona	Ralph
gold	gold	gold
green	green	green
violet	violet	violet
warthogs	warthogs	warthogs
camels	camels	camels
moles	moles	moles
chocolate	chocolate	chocolate
banana	banana	banana
cinnamon	cinnamon	cinnamon

Starter - Deductive reasoning

Find these Algebra tiles and trace

Notes 9/4 + 9/5



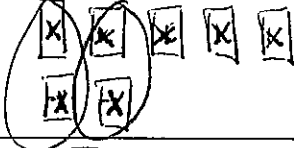
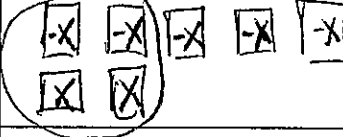
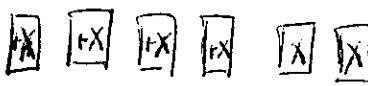
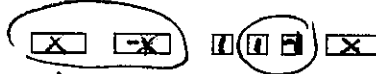


# Finish For Assignment

Name: Nateo 9/4 + 9/5 cont. Date: \_\_\_\_\_ Period: \_\_\_\_\_

## Combining Like Terms—Adding/ Subtracting Integers and Variables with Algebra Tiles

Directions: Read each problem. Draw a picture representing the problem. Simplify by combining like terms and write the answer in the solution column. Create your own problems for #25-30.

Problem	Modeling Record (draw a picture)	Solution
1) $3 - 2$		1
2) $-2 + x + 3$		$x + 1$
3) $5x - 2x$		$3x$
4) $-5x + 2x$		$-3x$
5) $5x + -2x$		
6) $5x - -2x$		
7) $-(-4x) + 2x$		$6x$
8)	 $x - x + 2 - 1 + x$	$x + 1$
9) $-x$		

10) $y + 2 - y$		
11)	$\boxed{y} \boxed{y} + \boxed{x} \boxed{-x}$ $y + y + x - x$	$2y$
12) $2x - 5x$		
13) $y + 2y$		
14) $2x - y - 3x$		
15) $3x - x$		
16) $y - 2y - 3$		
17) $3x + 2xy - 4x$	$\cancel{\boxed{x}} \cancel{\boxed{x}} \cancel{\boxed{x}} \boxed{xy} \boxed{xy} \cancel{\boxed{x}} \cancel{\boxed{x}} \cancel{\boxed{x}} \boxed{-x}$ or $-1x + 2xy$ or $-x + 2xy$	$2xy - x$
18) $3x + 1 - 2x$		
19) $2x - 3y - x + y$		
20) $2x^2 + 3$		



