Name: _____ Date: _____

Order of Operations

Solve the equations using the order of operations.

$3 + 2 \times 5 =$

$4 + 3 + 8 \times 3 =$

$6 - 2 \times 2 =$

$6(5 - 1) \div 2 =$

$10 \div (5 - 3) =$

$9 \div (4 - 1) + 5 =$

$(4 \times 3) \div 6 =$

$8 + 4 \div 2 \times 3 =$

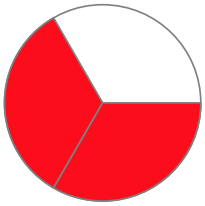
$20 \div 6 \times 2 - 2 =$

$20 - 7(3 - 1) =$

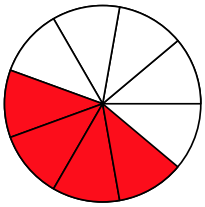
Name: _____

EQUIVALENT FRACTIONS

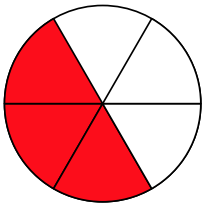
Draw a line between the matching fractions.



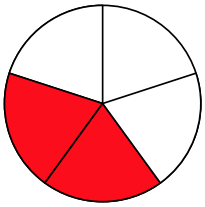
2/5



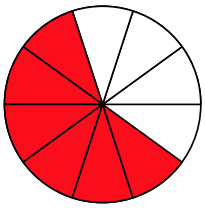
3/5



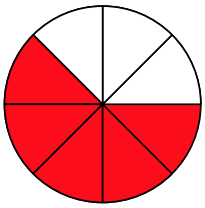
5/8



4/9



2/3

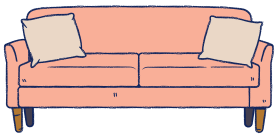


1/2

Name:_____ Date:_____

SALES TAX

Sales Tax differs by state. Using the amount listed below, calculate the amount the person will pay in sales tax for the item purchased. Show your work.

John bought a new couch for $450. Sales tax in his state is 7.75%. How much did he pay in sales tax? 	Sara bought a TV for $800. Sales tax in her state is 8.5%. How much did she pay in sales tax? 
Leila bought dinner for $29. Sales tax in her state is 6.05%. How much did she pay in sales tax? 	Rick bought a new bike for $260. Sales tax in his state is 8%. How much did he pay in sales tax? 

LINEAR RELATIONS

CREATING A TABLE OF VALUES

Name: _____ **Class:** _____

Learning goal: To practice completing a table of values when given the rule for a linear relationship.

Fill in the blanks for each table below using the provided rule.

1. $y = 2x + 3$

x	-2	-1	0	1	2
y					

2. $y = -3x + 1$

x	-2	-1	0	1	2
y					

3. $y = 5 - 2x$

x	-2	-1	0	1	2
y					

The Distributive Property

Use the distributive property to simplify each algebraic expression.

$4(x + 3)$	$5(x - 2)$	$8(x + 7)$
$-6(x - 10)$	$-3(5 + x)$	$-9(4 - x)$
$2(4x - 1)$	$7(5x + 2y)$	$-4(2x - 9)$
$(5x - 8)2$	$(-6x + 3)(-7)$	$(-x - 1)4$