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get a sneak peek!

Help your 8th Grade/Algebra 1 students **translating algebraic expressions**. Your students will benefit from being given choice when it comes to how they want to practice math!

TRANSLATING ALGEBRAIC EXPRESSIONS

Choice Board

ANSWER KEY Date: _____

Translating Expressions Choice Board

Directions: Choose _____ problems from each column. Translate each expression.

Verbal to Math	Math to Verbal
Fifteen more than a number y . $y + 15$	" $x - 8$ " *Answers vary " x minus 8" " g less than"
quotient of ten and a number n , plus two. $\frac{10}{n} + 2$	" $21 +$ " *Answers vary " $21 +$ " " p "
"Five less than twice a number b ." $2b - 5$	*answers vary " $2 +$ " " 3 less than"
Six more than the quotient of a number x and two. $\frac{x}{2} + 6$	*answers vary " $2 +$ "
	" $x - 8$ "
	" $21 + p$ "
	" $2y$ "
	" $3(c + 1)$ "

Math with Ms. Rivera

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Translating Algebraic Expressions Choice Board *includes:*

Name: _____ Date: _____ Period: _____

Translating Expressions Choice Board

Directions: Choose _____ problems from each column. Translate each expression.

Verbal to Math	Math to Verbal
"Fifteen more than a number y ."	$x - 8$
"The quotient of ten and a number n , plus two."	$21 + p$
"Five less than twice a number b ."	$2y - 3$

- ✓ printable worksheet
- ✓ a detailed answer key
- ✓ 2 columns with 5 questions in each - 10 question total
- ✓ Spot to assign how many problems students need to complete

Translating Algebraic Expressions Choice Board

standards covered:

CCSS: 6.EE.A.2.a, 7.EE.A.1

TEKs: 6.7.b

VA SOLs: EO.A.1.a

Name: _____ Date: _____ Period: _____

ANSWER KEY

Translating Expressions Choice Board

Directions: Choose _____ problems from each column. Translate each expression.

Verbal to Math	Math to Verbal
"Fifteen more than a number y ." $y + 15$	*Answers vary " $x - 8$ " " x minus 8" "8 less than x "
"The quotient of ten and a number n , plus two." $\frac{10}{n} + 2$	*Answers vary " $21 + p$ " "21 plus p " " p more than 21"
"Five less than twice a number b ." $2b - 5$	*answers vary " $2y - 3$ "

how the choice board resource works

Name: _____ Date: _____ Period: _____

Translating Expressions Choice Board

Directions: Choose _____ problems from each column. Translate each expression.

Verbal to Math	Math to Verbal
"Fifteen more than a number y ."	" $x - 8$ "
"The quotient of ten and a number n , plus two."	" $21 + p$ "
"Five less than twice a number b ."	" $2y - 3$ "
"Six more than the quotient of a number x and two."	" $3(c + 1)$ "

Assign students the number of problems they need to complete from each column.

Differentiate the choice board worksheet by reducing the number of problems assigned to show mastery.

Students can complete the any problems they want to in each column and in any order.

how to use this resource

This is a great individual practice activity to use when reviewing how to translate algebraic expressions from verbal and math and vice versa.

My favorite ways to use this choice board is for homework and math practice stations.

This is also a **substitute-friendly** assignment!

Name: _____ **ANSWER KEY** _____ Date: _____ Period: _____

Translating Expressions Choice Board

Directions: Choose _____ problems from each column. Translate each expression.

Verbal to Math	Math to Verbal
"Fifteen more than a number y." $y + 15$	*Answers vary "x - 8" "x minus 8" "8 less than x"

Name: _____ Date: _____ Period: _____

Translating Expressions Choice Board

Directions: Choose _____ problems from each column. Translate each expression.

Verbal to Math	Math to Verbal
"The quotient of ten and a two." $\frac{10}{n} + 2$	"Fifteen more than a number y." "x - 8"
"Five less than twice a" $2b - 5$	"The quotient of ten and a number n, plus two." "21 + p"
"Six more than the quotient and two." $\frac{x}{2} + 6$	"Five less than twice a number b." "2y - 3"
"Two times the quantity number t." $2(5 + t)$	

You may also enjoy ...

TRANSLATING ALGEBRAIC EXPRESSIONS & EQUATIONS

#	Question	Answer	Directions: Translate each verbal expression into an algebraic expression or equation. Answer each question correctly and pixels will appear to reveal a
1	The sum of a number x and 16.		
2	12 less than a number m .		
3	The sum of 9 and the quantity 2 times a number t .		
4	The product of 4 and a number w is 8.		
5	The difference of a number j and 15 is 16.		
6	The quotient of a number y and 3 is 8.		
7	The product of 2 and the quantity of a number n and 10.		
8	Half of the quantity of 6 less than a number f is 4.		

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Self-Checking

SIMPLIFYING ALGEBRAIC EXPRESSIONS

Digital & Print Activity Pack

8 Activities



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CHOICE BOARDS BUNDLE EXPRESSIONS



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You'll also be getting exclusive freebies and content to help your Algebra students be successful this school year!

check it out!

Answer Key
Name: _____ Date: _____
ADDING & SUBTRACTING RATIONAL EXPRESSIONS
Directions: Simplify the rational expressions. Show your work.

SOLVING SYSTEMS OF EQUATIONS
Date: _____
Solve systems of equations using substitution or elimination. Check your solution.

ANSWER KEY
Date: _____
SOLVING SYSTEMS OF EQUATIONS
Solve systems of equations using substitution or elimination. Check your solution.

Rational Expression Operations - Addition & Subtraction
Directions: Answer each question and type the question number with the matching answer in the answer column to the right.

#	Question	Answer	Type the matching question numbers here
1	$\frac{5}{x} + \frac{3}{x+1}$	$\frac{2x+1}{x+2}$	
2	$\frac{2}{x+4} - \frac{x^2}{x^2-16}$	$-\frac{1}{x^2-1}$	
3	$\frac{x+2}{x^2+4x+4} + \frac{2x}{x+2}$	$\frac{2x^2+2x+5}{x^2+x-2}$	
4	$\frac{x}{x-2} + \frac{3}{x-1}$	$-\frac{x^2+2x-8}{x^2-16}$	
5	$\frac{x}{4x+8} - \frac{1}{x^2+2x}$	$\frac{8x+5}{x^2+1}$	
6	$\frac{x+2}{x-1} + \frac{x-1}{x+2}$	$\frac{x^2-3x+7}{x^2-4}$	
7	$\frac{2x+1}{x^2-4} + \frac{x-3}{x+2}$	$\frac{x^2+2x-6}{x^2-3x+2}$	
8	$\frac{x^2+2x}{x^2-1} - \frac{x+1}{x-1}$	$\frac{x-2}{4x}$	

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hey there!

My name is Malia and I'm passionate about making learning and practicing math fun. I love creating engaging math resources for my students and I hope your students enjoy this activity too!

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