



# Independent Practice (You Do)

7<sup>th</sup> Grade - Readiness Standard 3 – 6.EE.2a

**Learning Target:** I will translate algebraic expressions between words and symbols

**Readiness** for solving equations with more than one step

**Title of Game:** Play “**Words and Symbols Match-up!**”

**Number of Players:** 2

**Objective:** To match all of your “**Words**” cards to the equivalent “**Symbols**” cards.

**Materials:**

- 1 set of **Words** and **Symbols** cards per group
- 1 recording sheet per player

**Set-up:**

- Deal all 10 **Words** cards face down in a row.
- Deal 5 **Symbols** cards face up to each player.

**Directions:**

- **Player 1** goes first
  - Take a card from the row of face down **Words** cards and turn it face up
  - Write the problem on the recording sheet
  - And, find the answer in simplest form
- If **Player 1** has the **Symbols** card, place it face up on top of the **Words** card, take both cards and say:  
*“The operation(s) in the expression is/are \_\_\_\_.”*
- If **Player 1** does not have the answer to the **Words** card, turn the **Words** card back over.
- **Players 1 and 2** alternate turns. The **winner** is the first player to match all 5 of their cards.



# Symbols Cards (Set A)

7<sup>th</sup> Grade - Readiness Standard 3 – 6.EE.2a

**Storage Suggestions:** Copy the **Words (Set A)** cards and **Symbols (Set A)** cards in two different colors.  
Store 1 set of each in a sealable bag for each pair of students.

Set A <sub>1</sub>	$\frac{x}{2}$ Set A	$2x$ Set A	$x + 2$ Set A	$x - 2$ Set A
	$\frac{x}{3}$ Set A	$3x$ Set A		
	$2(x + 3)$ Set A	$2x + 3$ Set A	$2(x - 3)$ Set A	$2x - 3$ Set A
Set A <sub>2</sub>	$\frac{x}{2}$ Set A	$2x$ Set A	$x + 2$ Set A	$x - 2$ Set A
	$\frac{x}{3}$ Set A	$3x$ Set A		
	$2(x + 3)$ Set A	$2x + 3$ Set A	$2(x - 3)$ Set A	$2x - 3$ Set A



# Words Cards (Set A)

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**Storage Suggestions:** Copy the **Words (Set A)** cards and **Symbols (Set A)** cards in two different colors.  
Store 1 set of each in a sealable bag for each pair of students.

Set A <sub>1</sub>	The quotient of $x$ and 2 Set A	The product of $x$ and 2 Set A	The sum of $x$ and 2 Set A	The difference of $x$ and 2 Set A
	The quotient of $x$ and 3 Set A	The product of $x$ and 3 Set A		
	2 times the sum of $x$ and 3 Set A	3 more than twice $x$ Set A	2 times the quantity of $x$ minus 3 Set A	3 less than 2 times $x$ Set A
Set A <sub>2</sub>	The quotient of $x$ and 2 Set A	The product of $x$ and 2 Set A	The sum of $x$ and 2 Set A	The difference of $x$ and 2 Set A
	The quotient of $x$ and 3 Set A	The product of $x$ and 3 Set A		
	2 times the sum of $x$ and 3 Set A	3 more than twice $x$ Set A	2 times the quantity of $x$ minus 3 Set A	3 less than 2 times $x$ Set A



# Symbols Cards (Set B)

7<sup>th</sup> Grade - Readiness Standard 3 – 6.EE.2a

**Storage Suggestions:** Copy the **Words (Set B)** cards and **Symbols (Set B)** cards in two different colors.  
Store 1 set of each in a sealable bag for each pair of students.

Set B <sub>1</sub>	$\frac{4x}{5}$ Set B	$4x$ Set B	$x + 4$ Set B	$x - 4$ Set B
			$x + 5$ Set B	$x - 5$ Set B
	$4(x + 5)$ Set B	$4x + 5$ Set B	$4(x - 5)$ Set B	$4x - 5$ Set B
Set B <sub>2</sub>	$\frac{4x}{5}$ Set B	$4x$ Set B	$x + 4$ Set B	$x - 4$ Set B
			$x + 5$ Set B	$x - 5$ Set B
	$4(x + 5)$ Set B	$4x + 5$ Set B	$4(x - 5)$ Set B	$4x - 5$ Set B



# Words Cards (Set B)

7<sup>th</sup> Grade - Readiness Standard 3 – 6.EE.2a

**Storage Suggestions:** Copy the **Words (Set B)** cards and **Symbols (Set B)** cards in two different colors.  
Store 1 set of each in a sealable bag for each pair of students.

Set B <sub>1</sub>	The quotient of $4x$ and 5 Set B	The product of $x$ and 4 Set B	The sum of $x$ and 4 Set B	The difference of $x$ and 4 Set B
			The sum of $x$ and 5 Set B	The difference of $x$ and 5 Set B
	4 times the sum of $x$ and 5 Set B	5 more than the product of 4 and $x$ Set B	4 times the quantity of $x$ minus 5 Set B	5 less than 4 times $x$ Set B
Set B <sub>2</sub>	The quotient of $4x$ and 5 Set B	The product of $x$ and 4 Set B	The sum of $x$ and 4 Set B	The difference of $x$ and 4 Set B
			The sum of $x$ and 5 Set B	The difference of $x$ and 5 Set B
	4 times the sum of $x$ and 5 Set B	5 more than the product of 4 and $x$ Set B	4 times the quantity of $x$ minus 5 Set B	5 less than 4 times $x$ Set B