MathFLIX CHALLENGE
The Language of Algebra

	Picture	Algebraic Expression
	☐ ☐	2x + 4
If ☐ ☐ ① ① ① = 2x + 3, **match** the pictures on the right with the correct algebraic expressions.	① ① ①	3
	☐ ①	3x + 2
	☐ ☐ ① ① ① ①	2x
	☐ ☐ ☐ ① ①	1x + 1

Complete the table below

English Form	Picture Form	Algebra Form
one		
a number		
doubling a number		2x
one more than a number	☐ ①	
triple a number plus three		

Algebra can help you perform great magic tricks. Study the trick below. No matter what number is chosen, the answer will always be the same.

Direction	Picture	Algebra
Choose a number.	☐	x
Add four.	☐ ① ① ① ①	x + 4
Subtract one.	☐ ① ① ① ✦	x + 4 - 1
Subtract the original number.	✦ ① ① ① ✦	x + 4 - 1 - x

The answer will always be _____