

TRANSLATING ENGLISH TO MATH and MATH TO ENGLISH
Math 9 – Polynomials Introduction

Math	English
+	Plus, add, increase, larger
-	Subtract, minus, negative, decrease, reduce, smaller
X	multiply, times, of, by
÷	Divide, goes into, separated into, groups of
=	Equal, equal to, results in, gives you, makes, totals
x, y, z, a, b, c, s, t, q, ...	A number, a variable, an age, a quantity, an unknown number, a certain amount
7m	"Seven times a number"
p - 3	"A number minus three"
m + 9	"A certain amount increased by nine"
3x - 12 = 6	"Three times a number minus twelve is equal to six"
X ²	A number squared

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NAME: _____

DATE: _____

A. Translate the following from "Math" to English.

1. $+$

2. -7

3. x

4. $x - 3$

5. $3c + 1$

6. $(-9)(n)$

7. $4f = 20$

8. $5 = 2v - 8$

B. Translate from English to "Math."

1. A certain number.

2. Five plus a number.

3. Three times an unknown number.

4. Six minus a number.

5. Increase a number by five.

6. A number divided by four is equal to twelve.

7. A number plus three is equal to a different number.

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C. Find the mathematical statement associated with each of the following situations.

1. A friend of mine is three years older than I am.
2. The skateboard costs five dollars less than I thought it would.
3. Three bags of apples cost twelve dollars.
4. The cost to order five books plus seven dollars of shipping is seventy-eight dollars.

D. Write a situation for the given mathematical statement.

1. $2m$
2. $3 - p$
3. $5c - 1$
4. $9r = 90$
5. $7t - 1 = 20$

E. *With a partner, pick up a Polynomials Definitions Matching Package from me. Your job is to try to match each term to its correct definition. Once you think you've got it correct, call me over. Many of these terms are new, so try your best to make educated decisions. Use whatever resources you can find.*