T-MF Math Fundamentals Week 2 9/12

⊕ Plus, add, altogether, greater than, **sum**
increased by

Numerical 9 + 5

English 9 plus 5

The sum of 8 and 3

numerical expression **8 + 3**

A number increased by 2

↓ t + 2 **t + 2**

variable

⊖ Minus, subtract, less than,
decrease by, **difference**

The difference between 12 and 9

numerical expression: 12 − 9

switch order

2 less than 8

8 − 2

(×) Multiplication, times, product

× * · The product 9 and 6

9 × 6 9 * 6 9 · 6

3 times a number

3 * x 3x

(÷) Divide, divide by, quotient

$\frac{\text{numerator}}{\text{denominator}}$ fraction

The quotient of 18 and 3

$18 \div 3$ or $\frac{18}{3}$

( ) parenthesis → "quantity"

switch order

Subtract 16 from 28 and then subtract 6.

Numerical Expression

~~16 - 28~~

28 - 16 - 6

from switch order

subtract - with no "from" keep order.

Find 3 times as many as 5 plus 8

3 * (5+8) do this first!

1.) Subtract 4 from the sum of 5 and 7.

switch

$5+7-4$

$(5+7)-4$

2.) Find a number 4 times as large as 8 plus 2.

$4*(8+2)$

3.) Find 7 times as much as 9 less than 10

switch order

$7*(10-9)$

4.) Subtract the sum of 5 and 9 from 19

$19-(5+9)$

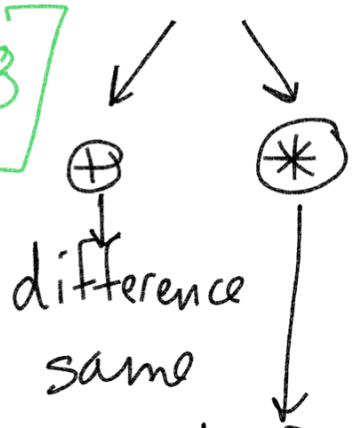
Finding patterns

Increase

62, 53, 44, 35, 26, 17, . . . 8

-9 -9 -9 -9 -9

subtract by 9

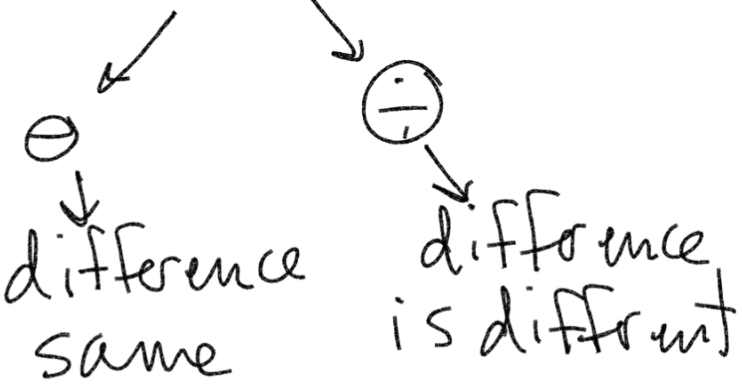


Decrease

162, 54, 18, 6, . . . 2

÷3 ÷3 ÷3

divide by 3



9, 18, 36, 72, 144, . . . 288

*2 *2 *2 *2 *2

Multiply by 2

1.) 1, 9, 17, 25, 33, . . . +8

L → R

2.) 5000, 1000, 200, 40, 8 ÷5

3.) 30, 25, 20, 15, 10 −5

4.) 7, 14, 28, 56, 112 *2