	1/.			
Name _	Ken	K James Asa Maristagana Kilo	Date	Pd

CYU 1.4 Exponent, Order of Operation, Variable Expressions & Equations DAY THREE

☑ Use when you get it right all by yourself

S Use when you did it all by yourself, but made a silly mistake

HUse when you could do it alone with a little help from teacher or peer

G Use when you completed the problem in a group

X Use when a question was attempted but wrong (get help)

NUse when a question was not even attempted

Equation VS Expression	6	>	><
CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Translating words to mathematical sentences	1acdegh	1bf	1ij
Operation Symbols: +, -, ·, ÷	2	>	><
Order of Operations: PEMDAS	2	3	5

Perimeter/Area 1. Write each sentence as an equation or inequality. Us x to represent any unknown number.

a. One increased by two equals the quotient of nine and three.

b. Four subtracted from eight is equal to two squared.

Three is not equal to four divided by two.

d. The difference of sixteen and four is greater than ten.

The sum of five and a number is twenty.

Seven subtracted from a number is zero.

$$x - 7 = 0$$

The product of 7.6 and a number is 17.

9.1 times a number equals 4.

$$9.1 \times = 4$$

Thirteen minus three times a number is 13.

 $/3 - 3 \times = /3$ j. Eight added to twice a number is 42.

2.	Fill in each blank with one of the following operations: add, subtract, multiply, or divide.							
	a. To simplify the expression $1 + 3 \cdot 6$, first <u>Multiply</u> .							
	b. To simplify the expression $(1+3) \cdot 6$, firstadd							
	c. To simplify the expression $(20-4) \cdot 2$, first <u>Subtract</u> .							
	d. To simplify the	d. To simplify the expression $20 - 4 \div 2$, first <u>divide</u> .						
3.	Are parentheses neces	ssary in the expression 2	+ (3 · 5)? Explain your a	nswer.				
	no	multiply/	wide come	betime				
	no multiply kinde come betire add/subtract in PEMDA							
4.	Fill in the chart below.							
7.	Length: I	Width: w	Perimeter of a	Area of a rectangle				
	The state of the s		Rectangle	, ,				
	4 in	3 in	a) /4 in	b) 12 in 2				
	6 in	1 in	c) /4 in	d) b in				
	5.3 in 4.6 in	1.7 in 2.4 in	e) /4/n g) 14 in	f) 9.01 in 2				
				"1" 11.07 [//				
	P	= 2l+2w	A= LW	and the second second				
5.	Insert a set of parenth	eses so that the followin	g expression simplifies to	$32.20 - 4 \cdot 4 \div 2$				
			g expression simplifies to	16.4-2				
				64-2				
6.	Determine whether ea	ach is an expression or ar	equation	32				
0.			requation					
	4	epression						
	a. 5x+6 ex b. 2a=7	quation						
	c. 3a+2=9	1-100	CI-SP-11					
	d. $4x + 3y - 8z$	explession	^					
		expression						
	e. $5^2 - 2(6 - 2)$	expression						
				anowa a				
	CYU Reflec	tion: How far can you go	: basic, intermediate, or c	dvanced?				
		Rate your	mastery level!					
	How confident are you		covered? Circle the score	you would give yourself.				
6		-		0-0				
-								
11	2 1	3 4	5 16	711 8				
L			<u> </u>					
Basic Intermediate Advanced Solved ALL!								