Weekly 1 CC1 Name _____

MONDAY

_____1. What is the variable in the following expression? 7m - 3
_____2. Evaluate 8d when d = 6.
_____3. Evaluate 4w + c when w = 5 and c = 7.
_____4. What is the variable in the following expression? 16 - k
_____5. Evaluate $\frac{10}{p}$ when p = 2.
_____6. Evaluate $\frac{e}{7}$ when e = 28

	Power read as	Power form	Multiplication Problem	Evaluate
7.	8 to the 4th power			
8.		9^3		
9.			2(2)(2)(2)(2)	
10.	13 squared			
11.		4^7		
12.			6(6)(6)	

TUESDAY

Circle the math words in each phrase. Then convert the phrases to variable expressions.

1. _____ Twice a number h increased by 7
2. _____ 70 less than the quotient of 12 and a number g
3. _____ 15 taken away from the product of 5 and a number y
4. _____ 7 decreased by a number w
5. _____ The sum of 10 and the quotient of 16 and a number m
6. _____ 15 less than the product of 12 and a number b

Graphic A

F	D	%

7. Complete the Graphic A by filling in the rules for FD% conversion.

8. Complete the chart by converting between fraction, decimal, and % forms.

Fraction	Decimal	Percent
	3.079	
		6.9%
$9\frac{5}{8}$		
		177.4%
	0.007	
$\frac{3}{5}$		

9. _____ Evaluate $5k + \frac{8y}{2}$ when k = 6 and y = 3

10. 9^3 is the math problem _____, has a value of _____, and can be read as _____ and _____.

WEDNESDAY

1. $2 + 3^2 - 4 \times 2 =$ 2. $7 + 5(3 - 1) =$ 3. $30 - 5^2 + 2(4 + 1) =$

4. $10 + 2(7 - 4) =$ 5. $15 - 4 \times 3 + 2^3 =$ 6. $3(5 - 1) + 4 \times 5 =$

	Power read as	Power form	Multiplication Problem	Evaluate
7.		5^4		
8.			7 x 7 x 7 x 7 x 7	

9. Does Addition come before Subtraction in the Order of Operation? Why or why not?

10. What operation is done at the same time as Parenthesis in the Order of Operation?

11. Convert 20.77 to a fraction _____ and a percent _____.
12. Convert 37% to a decimal _____ and a fraction _____.
13. Convert $16\frac{1}{4}$ to a decimal _____ and a percent _____.

THURSDAY

1. _____ Evaluate $5m^3$ when m = 2

2. In the expression $5p + g^2$ 5 is a _____, p and g are _____ and the 2 is an _____ _____ Evaluate the expression if p = 4 and g = 5. _____
3. Two things on top of each other means _____.

4. Two things right next to each other means _____.

5. To change a fraction to a decimal you _____. Change $4\frac{4}{5}$ to a decimal. _____

6. To change a decimal to a percent you _____. Change 7.3 to a percent. _____

7. To change a percent to a decimal you _____. Change 9% to a decimal. _____

8. To change a decimal to a fraction you _____. Change 2.06 to a fraction. _____

9. $8 - 5 + 2 =$ _____ 10. $2 + 6 \times 3 - 5 + 2^3 =$ _____ 11. $2 + 6(4 - 1)^2 =$ _____

12. $3 \times 5 + 2 + \frac{16 \div 2 \times 4}{10 - 4 \times 2} =$ _____ 13. $2 + 4^2 - 20 \div 4 =$ _____ 14. $6[2(10) - 7)] =$ _____

SHOW YOUR WORK

15. $\begin{array}{r} 438 \\ \times\ 29 \\ \hline \end{array}$ 16. $0.09\overline{)2.277}$ 17. $\begin{array}{r} 3041 \\ -\ 486 \\ \hline \end{array}$