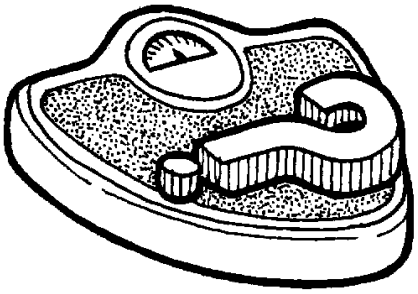
Name_____

ORDER UP!

Use the Order of Operations to simplify each math expression. The answer is the record size for the food item. Write the letter of the answer above the problem number below to determine which record-breaking fruit weighed in at 6 lb. 12 oz.



Order of Operations: First, perform operations within parentheses.
Second, compute exponents.
Third, multiply or divide in order from left to right.
Fourth, add or subtract in order from left to right.

1.	$2 + (7 - 4) \times 11$	Broccoli:	55 lb. (W)	or	35 lb. (F)
2.	$[16 + 36 \div 2 - (8 - 5)] \times 2^2$	Cabbage:	124 lb. (P)	or	92 lb. (S)
3.	$3^4 + 9 - 3 \times 10 + 4$	Cantaloupe:	184 lb. (N)	or	64 lb. (R)
4.	$(9 - 3 + 4) \times 2 + 12 - 1$	Corn (height):	15 ft. (O)	or	31 ft. (A)
5.	$(1 + 2 \times 8) \times 3 \div (2 \times 3)$	Lemon:	8½ lb. (G)	or	12 lb. (H)
6.	$3 + 2 \times 6 - 1$	Lima bean:	25 in. (E)	or	14 in. (U)
7.	$(8 + 2 \times 6) - 4^2$	Peanut:	4 in. (I)	or	44 in. (M)
8.	$1 + 10^3 + 100 - 10 \times 4$	Pumpkin:	1,061 lb. (R)	or	1361 lb. (L)
9.	$8 + 2 \times 6 \div 3 + 5^2 \times 10$	Watermelon:	270 lb. (N)	or	262 lb. (T)
10.	$(5^3 \times 2^2 + 2^4) \div 2^3$	Zucchini:	64½ lb. (E)	or	86 lb. (I)

____	____	____	____	____	____	____	____	____	____
5	3	4	2	10	1	8	6	7	9

REMEMBER THE ORDER – USING THE ORDER OF OPERATIONS

Without using a calculator, use the order of operations to calculate the answers to the following questions. Put a circle around the letters next to the correct statements below. These letters should spell a phrase. Write the phrase here:

_____ _____ _____

C	$5 + 6 \times 2 - 9 \times 10 = -10$
M	$1 + 6 \times 3 - 2 \times 9 - 1 = 0$
D	$10 - 3(5+2) + 23 = 72$
N	$3 - 3 \times 0 + 21 \div 3 = 7$
A	$15 - 8 \div 2 + 3 \times 4 = 23$
T	$7 - 2 \times 3 - 9 \div 9 = 0$
W	$8 + 8 \times 2 - 12 + 4 = 24$
H	$7 - 3(12 - 4) + -5 = -22$
P	$-10 + 8(6 - 4) + 9 = 5$
Z	$5 \times 2 + 9 \div 3 - 10 = -7$
I	$11 - 3 \times 0 + 32 = 43$
S	$8 + 7(4 - 2) + 9 = 31$
C	$21 - 13 + 10 \div 2 + 4 = 17$
X	$16 \div 4 + 12 - 10 \times 2 = -12$
O	$4(7 \div 2) + 6 \times 4 = 38$
B	$5 + 8(4-2) + 5 = 31$
Q	$12 - 3 \times 4 + 6 \times 2 = 84$
O	$14 - 5 \times 4 + 6 \times 7 = 36$
F	$5 + -6 \times 4 + (7 \times 3) = -18$
L	$9 - 6 \times 5 + 15 \div 3 = -16$