

Algebra

Order of Operations

Name: _____

MATCHING Solve each problem. Find the solution in the key and place the letter on the line above the number of the problem.

A	B	C	D	E	F	G	H	I	J	K	L	M
12	14	1	11	-78	-2	-9	-11	40	19	-1	36	2

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
-8	-7	3	4	-28	80	66	-1	9	16	5	22	0

1. $6 - \frac{(18 - 3^2)}{(4 + (2 - 3))}$

$= 6 - \frac{18 - 9}{4 + -1}$

$= 6 - \frac{9}{3}$

$= 6 - 3 = 3$

2. $7 - 8 \div 4(3^2 - 1)$

-9

3. $2 - 2(2 - 5)^2 + 3^2$

-7

4. $(5^2 - 9 \cdot 3)^2 - 11$

-7

5. $[(2 + 3)^2 - 5] \cdot 4$

80

6. $12 - 11 \cdot 2 + 16 \div 8$

-8

7. $-5 + 1 \cdot 3 - (7 - 2^3)$

-1

8. $8 + 2 \cdot 3 - 14 \div 7$

12

9. $(8 - 2)^2 + \frac{1}{4} [4 - 3(6 - 10)]$

40

10. $7 + (2 - 3^2) \cdot 5$

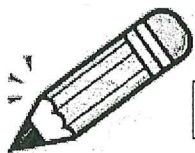
-28

11. $3 - 2[2^3 + (-1)^3]$

-11

12. $18 + 6 \div 3(2^2 + 5)$

36



What did one pencil say to another?

L O O K I N G

12 4 3 7 9 ~~11~~ 2

S H A R P

5 ~~6~~ 8 10 1