

Math 7 "Other Assignment"
Evaluate Algebraic Expressions

Name _____
Due Date (Fri 9/20) Group _____

On the back of this paper there are 6 problems to solve. The final answers are provided below. If you do not get the correct answer, you must find your mistake and redo the problem showing correct steps.

<u>Possible Points</u>	<u>Grading Criteria</u>
_____ 2 pts	Turned in on time Fri (9/20)
_____ (1 pt)	First and Last name are written on the name line above.
_____ (1 pts)	All work is done in pencil.
_____ (6pts)	The first step for each problem is the <u>substitution</u> step.
_____ (6pts)	All steps are shown, one step at a time, as you solve the resulting order of operations problem. Remember that all subtraction is changed to add the opposite on the next line, but only after exponents have been evaluated.4pt
_____ (12 pts)	Correct answers are supported by correct work. Attach additional paper for corrections if you need more room to show correct work.
_____ (28 pts) TOTAL POINTS	

ANSWERS 1) 4 2) 5 3) -25 4) 29 5) -96 6) 25

Evaluate each algebraic expression IF $a = 5$ $b = -3$ $c = -2$ $d = -10$

1

$$a + b - c$$

2

$$ab + cd$$

3

$$a(b + c)$$

4

$$a + bc^3$$

5

$$(a - b)(c + d)$$

6

$$(a + d)^2$$