

1-3 Order of Operations with Variables

Name _____

Simplify all of the algebraic expressions below given that

$a = 10$ $b = 8$ $c = 20$ $x = 2$ $y = 1$

Remember to show all of your work, step by step.

1. $ab - c$

2. $c - xy$

3. $ax - cy$

4. $4x + 2c$

5. $8b - 2c$

6. $5ax - 2cy$

7. $a(c - 2b) - y$

8. $x(3b - c) + x(c - ax)$