Algebraic Expressions and Identities: Worksheet -2

1. The additive inverse of $a - b - c$ is:_ _ _ _ _ _ _ _ _ _

2. The additive inverse of $2x - 3y + 4z$ is: _ _ _ _ _ _ _ _ _

3. The sum of $a + b - c$ and $a - b + c$ is _ _ _ _ _ _ _ _ _

4. The sum of $7a$, $-5a$, $-9a$ is _ _ _ _ _ _ _ _ _ _ _

5. $(x + y - z) - (x - y + z) =$ _ _ _ _ _ _ _ _ _ _

6. How much is $a + b$ more than $a - b$? _ _ _ _ _ _ _ _ _ _ _

7. $(7x - 1) + (-5x + 3) =$ _ _ _ _ _ _ _ _ _

8. $(2x + y) - (x - y) =$ _ _ _ _ _ _ _ _ _

9. If $A = 2x^3 - 3x^2 - 5x + 1$, then $-A =$ _ _ _ _ _ _ _ _ _ _

10. The sum of $5x$, $7x$ and $-8x$ is _ _ _ _ _ _ _ _ _ _