

Variables and Equations**Substitution**

Substitute and simplify.

$a = 3, b = -9, c = 5$

1. $b^2 + c^2 =$

2. $-3b + (a + 2c)^2 =$

3. $2a^3 - (b + c)^2 =$

4. $(b + c)^2 =$

5. $(a + b)^2 =$

6. $abc =$

7. $(c - a)^2 =$

8. $4a - 6b - 2c =$

9. $(2c - a)^2 =$

10. $a^2 + b^3 =$

Substitute and simplify.

$a = -3, b = -2, c = 5$

11. $5c + b^3 =$

12. $(a + b + c)^2 =$

13. $3(a + b)^2 =$

14. $c^2 - 2ab =$

15. $a^2 - (2b + c)^3 =$

16. $2c + 5a - 4b =$

17. $a^2 + b^2 =$

18. $2a - 4b =$

19. $a^2 - b^2 =$

20. $(a - b)^2 =$