

HW Practice Quiz C Linear #1

Name _____

Add or subtract the following expression

1. $3 + (-9)$

2. $3 + 2 - 9$

3. $-2 + 4 - 5 + 7$

Use order of operations to solve the expression

4. $6 + (9 - 4)^2 - 2$

5. $3 - 4^2 \div 4$

6. Plot the numbers on a number line and then write them in decreasing order.

-5, -5.5, -.5, -5.05

7. Evaluate the following expressions

a. $|-9| =$

b. $|125| =$

c. $|-9 + 3| =$

Evaluate the following if $x = 3$ and $y = -2$

8. $3x + 6y$

9. $x^2 + y^4$

Evaluate the following when $x = 2$

10. $f(x) = 4 + 4x^2$

11. $f(x) = 4 + (4x)^2$

Simplify the following expressions

12. $6x + 3 + 9x - 6$

13. $10(x - 2)$

14. $4(x + 1) + 9x$

15. $-5(2x + 4) + 7$

Solve the equation

16. $5x = 20$

17. $4x = -16$

18. $\frac{x}{9} = 2$

19. $\frac{-5x}{4} = 10$