

Unit 1 Weeks 4

Unit 1 Review		
$-7 - 12$	$14 + (-19)$	$-6 + 12 - 18$
Simplify.		
$-12a - 15b + 5a + 7b$	$-13x + 15y - 5y + 13x$	$12f - 15f - 6g - 10g$
$-7(3x - 10)$	$4(x - 2) - 10x$	$-3(x - 5) + 2(x - 3)$
Simplify		
$-49 \div 9 + 10$	$-13 \cdot -3$	$15 \div -3 - 12(3 + 4)$
What is the absolute value of -14?	What is the opposite of the absolute value of 10?	What is the absolute value of 0?
Write the following expressions		
3 less than a number	15 more than 3 times a number	The quotient of a number and -3
The product of a number and -5	4 less than -3 times a number	8 more than the difference between a number and 15
Word Problems		
Michael dove into the water. He went down 5 feet each second for 4 seconds. What integer represents Michael's position after 4 seconds?	Susan deposited \$84 into her bank, then she withdrew \$48. What integer represents Susan's account after the withdrawal?	The highest temperature in North Carolina last year was 102 degrees. The lowest temperature in Antarctica was -189 degrees. What is the difference between these two numbers?

Name: _____ Date: _____ Core: _____

Homework: Combining Like Terms with Integers

1. $6y + (-13y)$	2. $-12z + (-9z)$	3. $-8x + 9x - 13x$
4. $18e + (-7e) - 27e$	5. $-3d + 18d + (-7d)$	6. $-9t + 9 - 17t$
7. $15x + 2x - 12x - 13x^2 - 15$	8. $2p^4 + 3p + 12 - 18p^4 - p - 7$	9. $12m + (-9) - 45m$
10. $15x - 65x$	11. $-133x + (-212x)$	12. $124k - (-65k)$
13. $-8 + 8k + 14 - 19k$	14. $5(3e + 5) - 25e$	15. $-12n - 18n + 9(4n + 3)$
16. $8(z^2 + 3) - 19z^2 + 14$	17. $12p + 12p^2 - 11p - p - 12p^2$	
18. $-6(3m + 2) - 6m + (-13)$	19. $-5(2k + 2) - 14k + (-32)$	