

Name:

Date:

Period:

6th Grade Honors Math
Unit 10 Practice Test, Version 2

Simplify the following expressions.

$13 + (-8)$	$(-11) + (-3)$
$(-7) + (-100)$	$(-3.5) + 5$
$-1 - 2$	$16 - 40$
$4 - 91$	$31 - (-8)$
$-23 - (-11)$	$-2 - (-4)$
$-\frac{2}{3} + -\frac{1}{2}$	$\frac{1}{5} - \frac{3}{4}$
$x + 16x - 20x$	$y + 12x - 12x + (-4y)$
$2m^2 + 5m - 3m^2 - 2m + 12$	$x^2y + 2xy^2 - 11x^2y + xy^2 - x^2y$
$3c + 1 - 5c - 2c - 1 - 32c$	$180x + 131y - 117z + 90.2399$

Simplify the following expressions.

$(m)(m)(m)$	$(7)(0.1)(a)(a)(a)(b)(b)(b)(c)$
$3(2x + 12)$	$5(y - 3)$
$6(14m + 15)$	$20(n + 15)$

Find the GCF of the following terms.

GCF (9, 108)	GCF (100, 60)
GCF (27, 36)	GCF (8yz, 12y ²)

Find the LCM of the following terms.

LCM (4, 6)	LCM (3, 9)
LCM (14, 21)	LCM (15, 18)