

# Math 8

## Order of Operations – Grp 3

Student Name: \_\_\_\_\_

Addition/Subtraction of Integers (Draw a number line in each work space to show your work)

$15 + (-19)$ $-4$	$20 - 32$ $-12$
$(-13) + 54$ $41$	$12 - (-13) ***$ $25$
$37 - 16$ $21$	$15 + (-18)$ $-3$

Multiplication/Division of Integers (Use a multiplication chart if you would like)

$(-15)(11)$ $-165$	$(-18)(12)$ $-216$
$(-10) \div 3$ <del><math>-30</math></del> $-3.\bar{3}$	$25 \div (-5)$ $-5$
$(-72) \div (-9)$ $8$	$(17)(6)$ $102$

Order of Operations with Integers Make sure you show your work \*\*\*upside down triangle\*\*\*

$19 + 8 - 2(-4)$ $19 + 8 + 8$ $35$	$(9 - 12)(10 - 15)$ $(-3)(-5)$ $15$
$(3 + 12 - 15)(12 - 8 + 2)$ $(0)(6)$ $0$	$3(19 - 11)$ $3(8)$ $24$
$(-10) \div 2 - 3(4 + 12)$ $-5 - 3(16)$ $-5 - 48$ $-53$	$9(4 - 15) + (3 - 12)$ $9(-11) + (-9)$ $-99 + -9$ $-108$
$(9 - 11) - 4(-5 + 3)$ $(-2) - 4(-2)$ $-2 + 8$ $6$	$3 + 2(9 - 11) + 3(2)$ $3 + 2(-2) + 6$ $3 + -4 + 6$ $5$
$5 - 10(2 - 3)$ $5 - 10(-1)$ $5 + 10$ $15$	$(-8) + 10 \div (-2) + 6$ $-8 + -5 + 6$ $-13 + 6$ $-7$
$(-3) + 4 \div 2^2$ $-3 + 4 \div 4$ $-3 + 1$ $-2$	$2 - (-3)(9) + 3^3$ $2 - (-3)(9) + 27$ $2 - -27 + 27$ $56$
$7(9 - 12 + 3(-4) + 5)$ $7(-10)$ $-70$	$((-3) + 4 \div (-2))^2$ $(-3 + 4 \div -2)^2$ $(-3 + -2)^2$ $(-5)^2$ $25$

Self Assessment:

Where are you in your understanding of Order of Operations with Integers?

NOVICE

APPRENTICE

EXPERT