

9/4/18

Review Order of Operations.

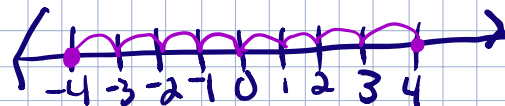
P
E
M
D
A
S

arenthesis (groupings)
xponents
ultiplication > left to right
ivision
ddition > left to right
ubtraction

Absolute Value = the distance from zero
on the number line

$$|-4| = 4$$

$$|4| = 4$$



Example

$$45 \div (-3)^2 + 4(2+1)$$

$$45 \div (-3)^2 + 4(3)$$

$$45 \div 9 + 4(3)$$

$$5 + 4(3)$$

$$5 + 12$$

$$17$$

Example

$$\frac{25}{5} - \frac{10(5-1)}{2}$$

$$\frac{25}{5} - \frac{10(4)}{2}$$

$$\frac{25}{5} - \frac{10(4)}{2}$$

$$\frac{25}{5} - \frac{40}{2}$$

$$5 + 20$$

$$- 15$$