

9-28-17

Aim: SWBAT evaluate expressions using the Order of Operations.

HW: Textbook Pg. 70 # 19 - 25 odd & Pg. 75 # 36 - 40

Test Tuesday

Do Now: Textbook 66 # 25 - 35 odd

Use PE  $\boxed{MD}$   $\boxed{AS}$  and work down.

Remember, multiplication and division get completed from left to right. So does addition and subtraction.

Pg. 66 # 25 - 35 odd

$$\begin{array}{r} \textcircled{25} \quad b+c \\ 24 + (-27) \\ \hline \boxed{24 - 27} \\ -3 \end{array}$$

$$\begin{array}{r} \textcircled{27} \quad a+(-b) \\ -13 + (-24) \\ \hline \boxed{-13 - 24} \\ -37 \end{array}$$

$$\begin{array}{r} \textcircled{29} \quad b+|a| \\ 24 + |-13| \\ \hline \quad \quad \quad \checkmark \\ 24 + 13 \\ \hline \boxed{37} \end{array}$$

$$\begin{array}{r} \textcircled{31} \quad |c|+|b| \\ |-27| + |24| \\ \hline \quad \quad \quad \checkmark \quad \checkmark \\ 27 + 24 \\ \hline 51 \end{array}$$

33.  $x + (-478)$

$-729 + (-478)$

$-1207$

35.  $x + (-478)$

$-|-521| + (-478)$

$-521 - 478$

$-999$

Pg. 21 # 25 + 27

$$\textcircled{25} \quad (2+1)^4 \div 9 - 4$$

$$\quad \quad \quad \checkmark$$
$$(3)^4 \div 9 - 4$$

$$\quad \quad \quad \checkmark$$
$$81 \div 9 - 4$$

$$\quad \quad \quad \checkmark$$
$$9 - 4$$

$$5$$

$$\textcircled{27} \quad (5 \times 3)^2 - 4$$

$$\quad \quad \quad \checkmark$$
$$15^2 - 4$$

$$\quad \quad \quad \checkmark$$
$$225 - 4$$

$$221$$