9-29-17

Aim: SWBAT evaluate expressions using the Order of Operations.

HW: Textbook Pg. 79 # 26 - 30
Test Tuesday

Do Now: Textbook Pg. 21 # 29 – 31 odd

Practice Integer Operations
- IXL.com - requires a subscription
- aaamath.com - free

Pg. 21 # 25-35 odd ; Pg. 79 # 26-33

(25) $(2+1)^4 \div 9 - 4$

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

$81 \div 9 - 4$

$9 - 4$

5

(27) $(5 \times 3)^2 - 4$

$15^2 - 4$

$225 - 4$

221

PEMDAS

(29) $500 \div (12-7)^1$

$500 \div (5)^1$

$500 \div 5$

100

(31) $(9-7)^5 + 17$

$(2)^5 + 17$

$32 + 17$

49

2·2·2·2·2

$\frac{3}{4} \times 4$

(33) $9^2 - 3^3$

$81 - 3^3$

$81 - 27$

54

(35) $\frac{3}{4} \times 4 + 6^2 \div 9$

$\frac{3}{4} \times 4 + 36 \div 9$

careful there

$3 + 36 \div 9$

$3 + 4$

7

$\frac{3}{\cancel{4}_1} \cdot \frac{\cancel{4}^1}{1} = \frac{3}{1}$

Use PE MD AS and work down.

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

PE MD AS

26. $2 + 3(-4) \div 6$

$2 + (-12) \div 6$

$2 + (-2)$

0

Work on HW: Textbook Pg. 79 # 26 - 30 and we'll help!

Finish this assignment over the weekend.