## Mr. Tallman

Math 7

## **Lesson #7 - Mixed Integer Practice and Order of Operations**

Use integer rules to evaluate the following.

21. 
$$45 - (-27) =$$
 $45 + 27 = 72$ 

14. 
$$-8 \div (-4) = 2$$

15. 
$$17(-4) = -6\%$$
 25.  $32 \div (-4) = -\%$ 

6. 
$$6 + (-8) = -2$$

26. 
$$14(-7) + (-2) =$$

$$-98 + (-2) = -100$$

17. 
$$-21 \div (-7) = 3$$

27. 
$$-8 \cdot -4 \div -2 =$$
 $32 - (-3) = -16$ 

$$8. -8 + (-1) = -9$$

18. 
$$-7(9) = -63$$

28. 
$$-24 \div 4 + -17 =$$
 $(-17) = -23$ 

Order of operations (PEMDAS) tells us the order in which we have to evaluate expressions.

p a centhesis

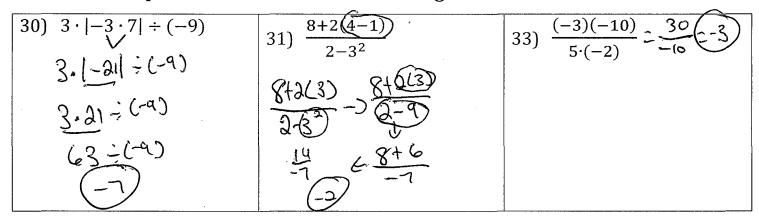
E KAMENTS

M ultiplication

D ivision

S Ubtaction

## **Use Order of Operations to evaluate the following:**



34) Which expression below is equal to 0? Show all work.

$\int \frac{-24}{6} - 4$	$\frac{-24}{-6} + 4$	$\frac{24}{6} + 4$	$(D)^{-24}_{-6} - 4$
- (1 - (4)	4 + 4	atu	4-4
-4+0	(8)	8	

35) Clara played a video game before she left the house to go for a walk. She started with 0 points, lost 6 points, 3 times. She then won 4 points and then lost 2 points. How many points did she have before she left the house to go for her walk? Show all work.

$$-(6(3) + 4 + (-2))$$

$$-18 + 4 + (-2)$$

$$-14 + (-2)$$

$$-14 + (-2)$$

$$-(-16)$$