Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_

Mr. Tallman Math 7-8A

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

**Use integer rules to evaluate the following.**

1. -2 + (+3) = 11. -3(-4) = 21. 45 - (-27) =

2. -5 + (+4) = 12. 24 ÷ (-6) = 22. 19(-4) =

3. 5 - (-3) = 13. 5(-18) = 23. -42 ÷ (-6) =

4. -7 - (-3) = 14. -8 ÷ (-4) = 24. -21 + -19 =

5. -14 - 6 = 15. 17(-4) = 25. 32 ÷ (-4) =

6. 6 + (-8) = 16. 81 ÷ (-9) = 26. 14 (-7) + (-2) =

7. 12 + (+7) = 17. -21 ÷ (-7) = 27. -8 • -4 ÷ -2 =

8. -8 + (-1) = 18. -7(9) = 28. -24 ÷ 4 + -17 =

9. -9 - (+6) = 19. 8(7) = 29. 7 - (-3) + (-2) - 4 =

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

 **P\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **E\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **M\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ D\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_)**

 **A\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ S\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_)**

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

|  |  |  |
| --- | --- | --- |
| 30) $3∙\left|-3∙7\right|÷(-9)$ | 31) $\frac{8+2\left(4-1\right)}{2-3^{2}}$ | 33) $\frac{\left(-3\right)\left(-10\right)}{5∙(-2)}$ |

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

|  |  |  |  |
| --- | --- | --- | --- |
| A) $\frac{-24}{6}-4$ | B) $\frac{-24}{-6}+4$ | C) $\frac{24}{6}+4$ | D) $\frac{-24}{-6}-4$ |

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.