

## Signed Numbers & Order of Operations I    **KEY**

Perform the Indicated Operations and Simplify the Following Expressions

1)  $5 + (-7) = -2$

14)  $-6(2) = -12$

2)  $\frac{-9}{-3} = 3$

15)  $8 - 6 = 2$

3)  $6(-8) = -48$

16)  $-3 - (-1) = -2$

4)  $-7 - 4 = -11$

17)  $(6) - 2 = 4$

5)  $10 - (-3) = 13$

18)  $(-8) \div 2 = -4$

6)  $(-3)(-2) = 6$

19)  $5 - 9 = -4$

7)  $5^2 = 25$

20)  $(-2)^4 = 16$

8)  $3(-7) = -21$

21)  $-2 - 2 = -4$

9)  $5 + (-5) = 0$

22)  $-3^2 = -(3 \cdot 3) = -9$

10)  $(-6) + (-3) = -9$

23)  $6 - 9 = -3$

11)  $-2(-3) = 6$

24)  $-4 - (-4) = 0$

12)  $-4 + 6 = 2$

25)  $-8 + (-2) = -10$

13)  $(-1)(-1)(-1)(-1) = 1$

$$26) 1 + 2 \cdot 3 = 7$$

$$27) (3 - 7) - 2 = -6$$

$$28) -1 - 2 - 3 = -6$$

$$29) 2[-6 - 4(3)] = -36$$

$$30) \frac{3 \cdot 2 - 6}{5 - 7} = 0$$

$$31) 7 - 9 + 2 = 0$$

$$32) 8 \div [-4 - (-4)] = \frac{8}{0}$$

is Undefined

$$33) -3 \cdot 4 - 5 \cdot 6 = -42$$

$$34) 5 - 2(6 - 7 \cdot 2) = 21$$

$$35) \frac{(-2)^2 - (-2)^3}{-2 - 2} = -3$$