ANSWERS

A)_____

B)_____

C)_____

A) Consider the expression 2 * 120 / 5 * 3 where * means multiply and /means divide. If A is the value of the expression using normal order of operations, and B is its value if division always takes precedence over multiplication, and C is its value if multiplication always takes precedence over division, evaluate A – B + C.

B) If $x \Theta y$ means x^y and $x \Psi y$ means $\sqrt[y]{x}$ find $\left[(4 \Theta 4) \Psi 2 \right] \Theta 3$

C) If $\sqrt{x} + \sqrt{y} = 17$ and $x - y = 51$ find $x + y$