***Pre-Calculus 11***

***Unit 2: Absolute Value and Radical***

***Worksheet 2.1 – Absolute Value of a Real Number***

1. Evaluate the following without a calculator.
2.  b)  c) 

d)  e)  f) 

g)  h)  i) 

j)  k)  l) 

1. Evaluate each expression for the given value of *x*.
2. , *x* = 2 b) , *x* = –3 c) , *x* = –2

3. When 5 is added to an integer, *x*, the absolute value of the sum is 9. Determine both possible values for *x*.

***Solutions***

1. a) 4 b) 1 c) –45 d) 7 e) 9 f) 22 g) h)  i)  j)  k)  l) 
2. a) 9 b) 6 c) 7
3. *x* = –14, 4