**3.6 – Order of Operations with Rational Numbers**

Recall the order of operations:

1. **B**rackets – complete innermost brackets first if there are several
2. **E**xponents
3. **D**ivision/**M**ultiplication –solve the furthest to the left first if there is more than one
4. **A**ddition/**S**ubtraction – solve the furthest to the left first if there is more than one

Ex 1: Evaluate.

1. (b)

Ex. 2: To convert a temperature in Fahrenheit to Celsius, we use the formula: . The lowest natural temperature ever directly recorded at ground level on Earth is −128.2 °F, which was in Antarctica, on July 21, 1983. What is this temperature in degrees Celsius?

Ex. 3: Evaluate

Assignment: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_