In Class Activity: 1.5-1.8

1. Evaluate using the order of operations:
   a. \((10 + 3) \cdot 6\)
      \[13 \cdot 6 = 78\]
   b. \(4 \cdot 2^2 - 2 \cdot (10 - 8)\)
      \[4 \cdot 4 - 2 \cdot 2 = 16 - 4 = 12\]

2. State if 2, 3, 5 or 9 are factors of 435 (Hint: use the divisibility rules)
   \[5, 3\]

3. Identify each of the following as either prime, composite or neither.
   a. 4 \_ comp.  
   b. 1 \_ neither
   c. 2 \_ prime
   d. 51 \_ comp.
   e. 72 \_ comp.
   f. 27 \_ comp.

   \[2 \cdot 3 \cdot 5 \cdot 7\]

5. Solve each of the following equations:
   a. \(16 \cdot x = 64\)
      \[x = 4\]
   b. \(9 + x = 18\)
      \[x = 9\]