Expressions Answers

1. What is the value of e after each of the following assignments?
   false
   true
   true
   false
   false
   true
   false
   true

2. Determine whether the following expressions are true or false. Assume a = 2 and b = 3.
   a. true
   b. false

3. Parenthesize to show the order of operations:

   \((a == b) && ((a * a) < (b * b))) || ((b < a) && ((2 * a) < b))\)

4. Write an expression using the variables a, b, and c that determines (i.e., is true if):
   a. \(a > b\)
   b. \(a < b && b < c || c < b && b < a\)
   c. \(c >= b && c >= a\)
   d. \(a == b && b == c\)
   e. \(a == b || b == c || c == a\)