Part 5: Logic Check

1. How many iterations for each for-loop where max = 10 and incr = 3
   1. for (int i = 0; i < max; i++)
      1. **10**
   2. for (int i = 0; i < max; i += 2)
      1. **5**
   3. for (int i = 0; i < max; i += incr)
      1. 0,3,6,9 **4**
   4. for (int i = incr; i < max; i += incr)
      1. 3,6,9 **3**
   5. for (int i = max; i > 0; i--)
      1. **10**
   6. for (int i = max; i < 0; i--)
      1. **0** max < 0 (false)
   7. for (int i = 1; i < max; i \*= incr)
      1. 2
   8. for (int i = 0; i < max; i \*= incr)
      1. infinity
2. How will while (true) behave if the loop continues as long as the condition is true?
   1. It will infinitely run what’s ever is in the loop, unless a break happens
3. When should you use:
   1. A for-loop?
      1. If you have a set start and end
   2. A do-while-loop?
      1. Want to run the loop at least once