**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Algorithm for making a cup of coffee (or tea)**

***An algorithm is a step by step list of instructions which always delivers the desired result.***

***Fill in the steps below that you would take to make a cup of coffee (you may use fewer than 12!)***

Step 1)

Step 2)

Step 3)

Step 4)

Step 5)

Step 6)

Step 7)

Step 8)

Step 9)

Step 10)

Step 11)

Step 12)

**Questions:**

1. Are there any steps in your algorithm that may be misunderstood (***ambiguous***)? Ambiguous instructions are not good, can you improve them?
2. Identify any steps that require decisions to be made (highlight them yellow). When coding a computer programme an ***IF statement*** would be used for these.
3. Are there any steps that need repeating (highlight them blue)? When coding a computer programme a ***loop*** would be used for these.