Give sources, df, expected mean squares and denominators of F tests

1. 2 levels of beating
   6 batches of cake batter
      3 for beating level 1
      3 for beating level 2
   4 levels of temperature
      4 cakes made from each batch.
      1 cake for each temperature.

2. 2 levels of temperature: Low, High
   2 rack positions: Top, Bottom
   6 batches of batter
      4 cakes from each batch
      Low temp, Low rack
      Low temp, High rack
      High temp, Low rack
      High temp, High rack

3. 2 levels of temperature
   6 batches
      4 cakes from each batch
      2 cakes at temperature 1
      2 cakes at temperature 2

4. 3 levels of Mixing: Low, medium, high
   2 batches of cookie dough for each mixing level = 6 batches
   3 trays from each batch
   6 cookies on each tray