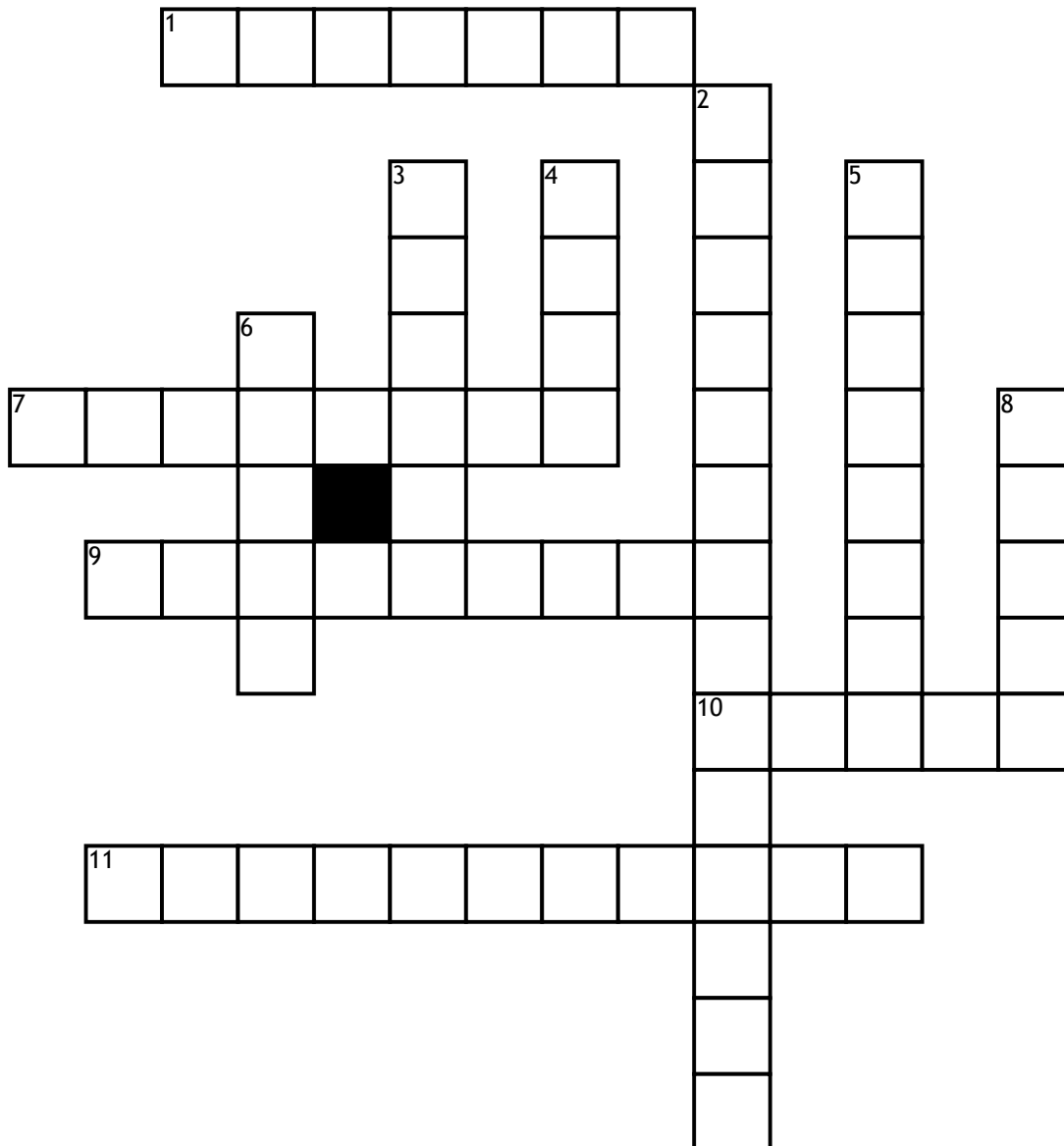


Name: _____

Date: _____

C4 Chemical analysis



Across

1. What colour flame do lithium ions produce during the flame test?
7. The charge of metal ions
9. How would you test for metal ions in a solid?
10. Colour of the precipitate formed when NaOH is added to a solution containing iron(II) ions
11. The name for a solid formed during a reaction

Down

2. The technique used to separate compounds in a solution
3. The halogen that produces a yellow precipitate during the test with silver nitrate
4. Colour of the precipitate formed when NaOH is added to a solution containing copper(II) ions
5. The charge of halogen ions
6. What colour flame do potassium ions produce in the flame test?
8. Colour of the precipitate formed when NaOH is added to a solution containing iron(III) ions