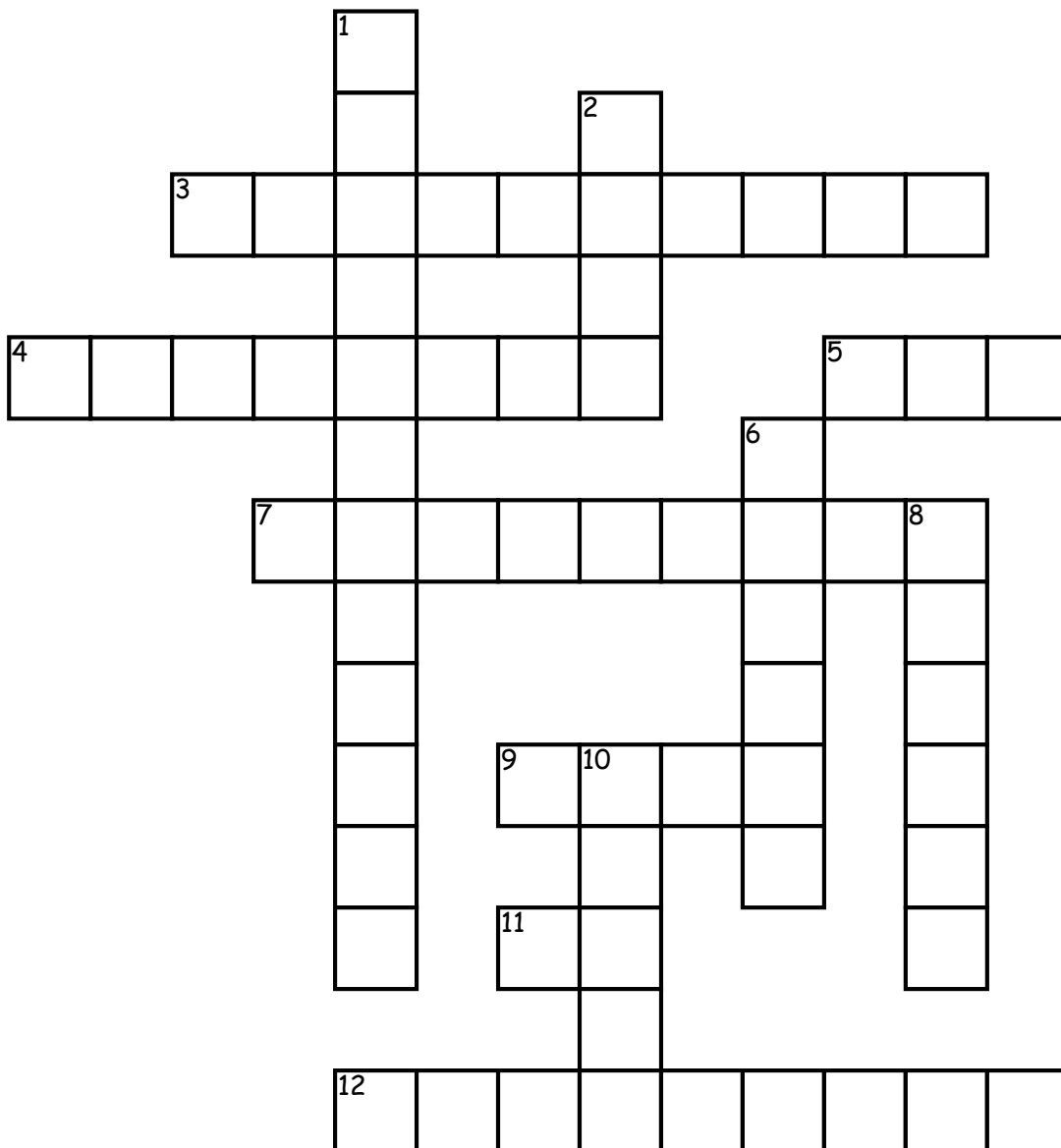


Colour in Fireworks



Across

- 3. Name a source of energy other than heat that can be used to promote electrons to higher energy levels
- 4. Subatomic particle which becomes excited when supplied with energy.
- 5. When the safety flame of the bunsen is observed what is being burned?
- 7. Element whose symbol is K produces a lilac colour in flame test

9. Colour of heating flame of bunsen burner

11. Symbol of element which produced a bright white light when heated in bunsen flame

12. This type of spectrum is produced by white light

Down

1. Instrument used by chemists in lab to detect presence of different metals

2. Name of element which produced sparks upon heating in flame of bunsen burner

6. Level occupied by electron when heated

8. Group of elements responsible for colour in fireworks.

10. When the electron that was heated returns to a lower energy level what is produced?