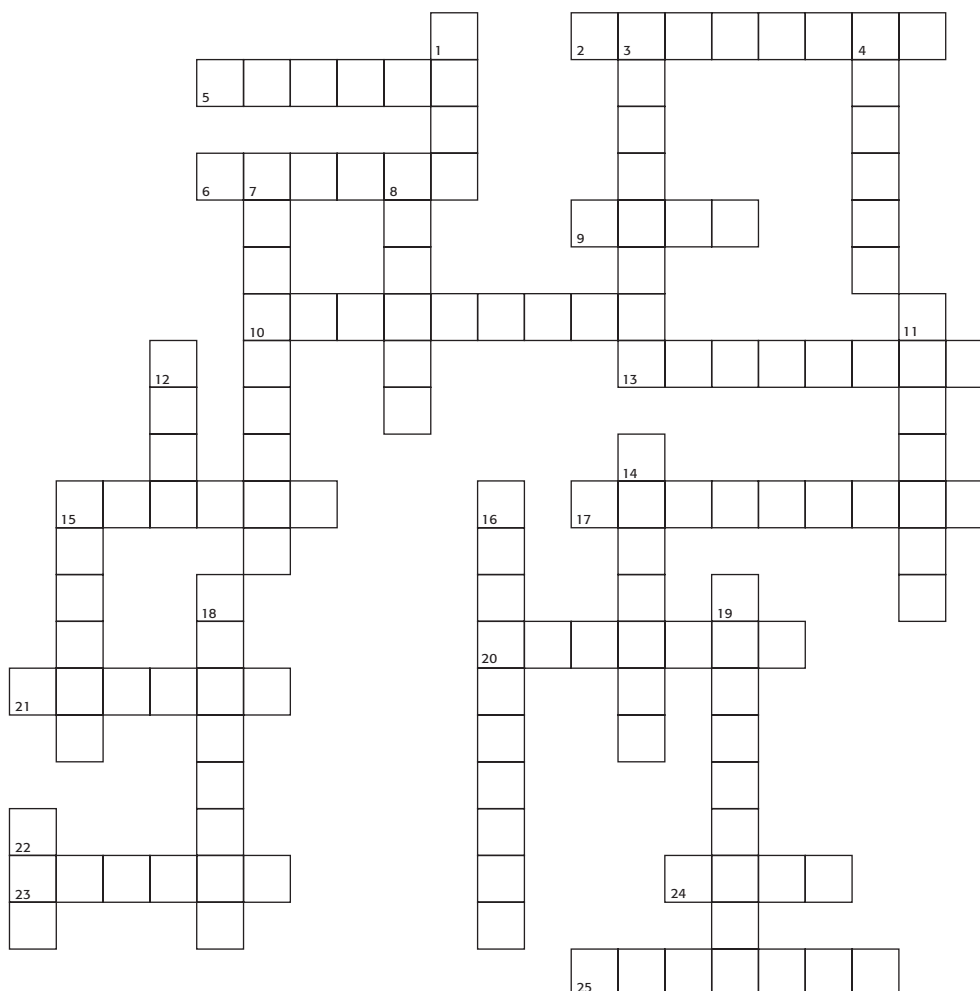


Worksheet 3.6

Periodic Table crossword



CLUES

Across:

- 2** My relative atomic mass is 35.5.
- 5** I have 2 electrons in the first shell, 8 in the second shell, and 6 in the third shell.
- 6** I am the head of the fourth group and am known as the 'basis of life'.
- 9** My atomic number is 79.
- 10** I am a transition metal with 25 electrons.
- 13** I make up 78% of dry air and am the first initial of NPK.

- 15** I am a silvery white metal used to make salt.
- 17** I am a member of the alkaline earth metals and have a great deal of flare!
- 20** I am the second most abundant element in the Earth's crust and have 14 neutrons.
- 21** I am a noble gas with 2 electrons and a sunny disposition.
- 23** I am a member of the halogen family with an atomic number of 53.
- 24** I am a transition metal with 30 electrons and tend to galvanise things!
- 25** I am the only element in the halogen family that is a liquid.

Down:

- 1** The nuclei of my atoms contain 26 protons.
- 3** I am not really an alkali metal, but since I have only 1 electron I form an X^+ ion.
- 4** I am a metal with 28 electrons.
- 7** I am a member of the boron family and am the most abundant metal in the Earth's crust.
- 8** I am a gas with 8 protons and 8 neutrons and help things burn!
- 11** I am a metal that is liquid at room temperature – 'quicksilver' is my ancient name.
- 12** I am a member of the carbon family often mistaken for the end of your pencil.
- 14** I have 20 neutrons and am found in your teeth and bones.
- 15** My atomic number is 47 and I am used to make photographic film.
- 16** I am a member of the nitrogen family with 16 neutrons.
- 18** I am a gas with a mass number of 19.
- 19** I am the first element in the fourth period, an ingredient in many fertilisers.
- 22** You can find me in the carbon family in the fifth period.