

Across

- **6** the atonal pinyin romanization of the Mandarin pronunciation of its name 西安, which means "Western Peace" in Chinese. (4)
- 7 a distinct luminescent part of interstellar medium, which can consist of ionized, neutral or molecular hydrogen and also cosmic dust (6)
- **8** one that is of equal standing with another (4)
- 9 money received, especially on a regular basis, for work or through investments (6)

- 10 an institution of higher education offering courses at degree level or below, especially in vocational subjects. (11)
- 13 an occupation undertaken for a significant period of a person's life and with opportunities for progress. (6)
- **15** mathematics (4)
- 17 relating to the present or recent times as opposed to the remote past. (6)
- 18 a feminine given name. It is derived from the Germanic word ermen meaning "whole" or "universal". (4)

Down

- 1 a process in which substances combine chemically with oxygen from the air and typically give out bright light, heat, and smoke; combustion or burning. (4)
- 2 the property of matter and radiation which is manifest as a capacity to perform work (such as causing motion or the interaction of molecules). (6)
- 3 the branch of science and technology concerned with the design, building, and use of engines, machines, and structures. (11)
- 4 a diagram representing the relations between three or more variable quantities by means of a number of scales, so arranged that the value of one variable can be found by a simple geometrical construction, e.g. by drawing a straight line intersecting the other scales at the appropriate values. (4)
- **5** a former pupil or student, especially a male one, of a particular school, college, or university. (6)
- 11 a public speaker, especially one who is eloquent or skilled.(6)
- 12 a tool with a heavy metal head mounted at right angles at the end of a handle, used for jobs such as breaking things and driving in nails. (6)
- **14** paradise (4)
- 16 the indefinite continued progress of existence and events in the past, present, and future regarded as a whole. (4)