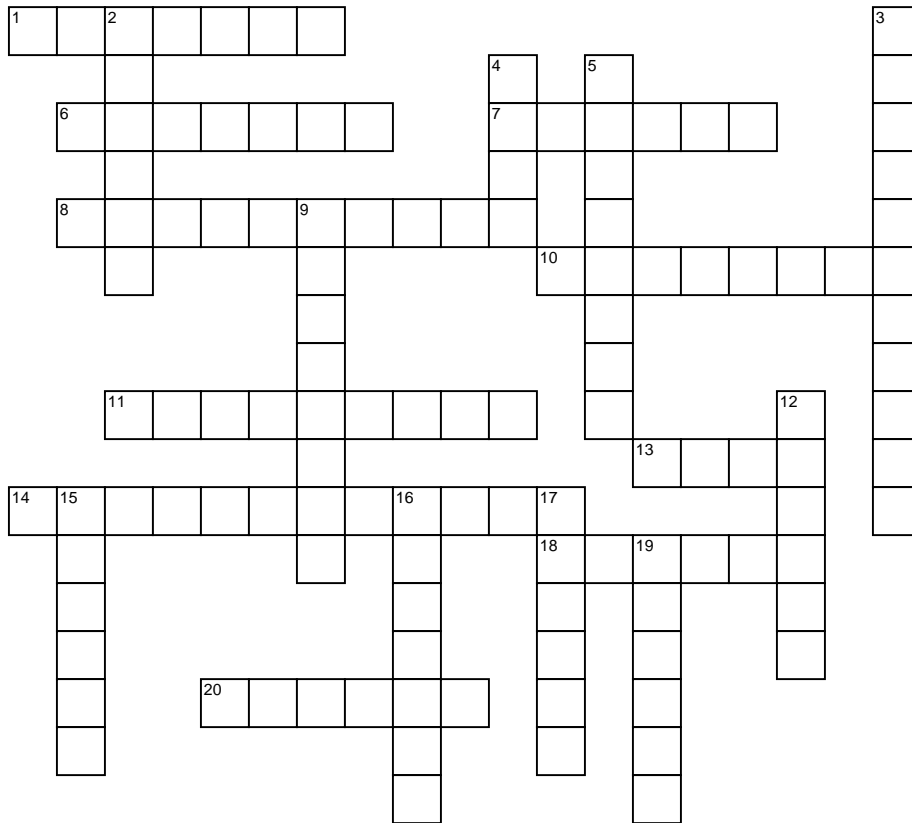


# Living With A Star

## Our Nearest Neighbor



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### ACROSS

- 1 More than one of these is nuclei.
- 6 Keeps you stuck to the Earth.
- 7 Needed to burn carbon, and to breathe!
- 8 The zone in the Sun where the hot gases circulate to transfer heat.
- 10 Squeeze together.
- 11 The region of the Sun where energy is moved by electromagnetic radiation.
- 13 Synonym for region, the Sun has 6.
- 14 The colorful zone in the Sun.
- 18 Plural of nucleus.
- 20 Happens in the Sun's core.

### DOWN

- 2 The element in coal and gasoline that makes them burn.
- 3 The part of the Sun that produces the light we see.
- 4 The zone in the Sun where nuclear fusion takes place.
- 5 Has only one proton and one electron.
- 9 Buildings do it. Helmholtz thought the Sun was doing it and making it shine.
- 12 Synonym for zone, the Sun has 6.
- 15 Formed by the fusion of 4 hydrogen atoms.
- 16 Last name of the guy who calculated the energy of the Sun from gravitational collapse.
- 17 What gets transferred from the middle of the Sun to the outside. The left-hand side of Einstein's equation.
- 19 The Sun's crown.

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Solution:

