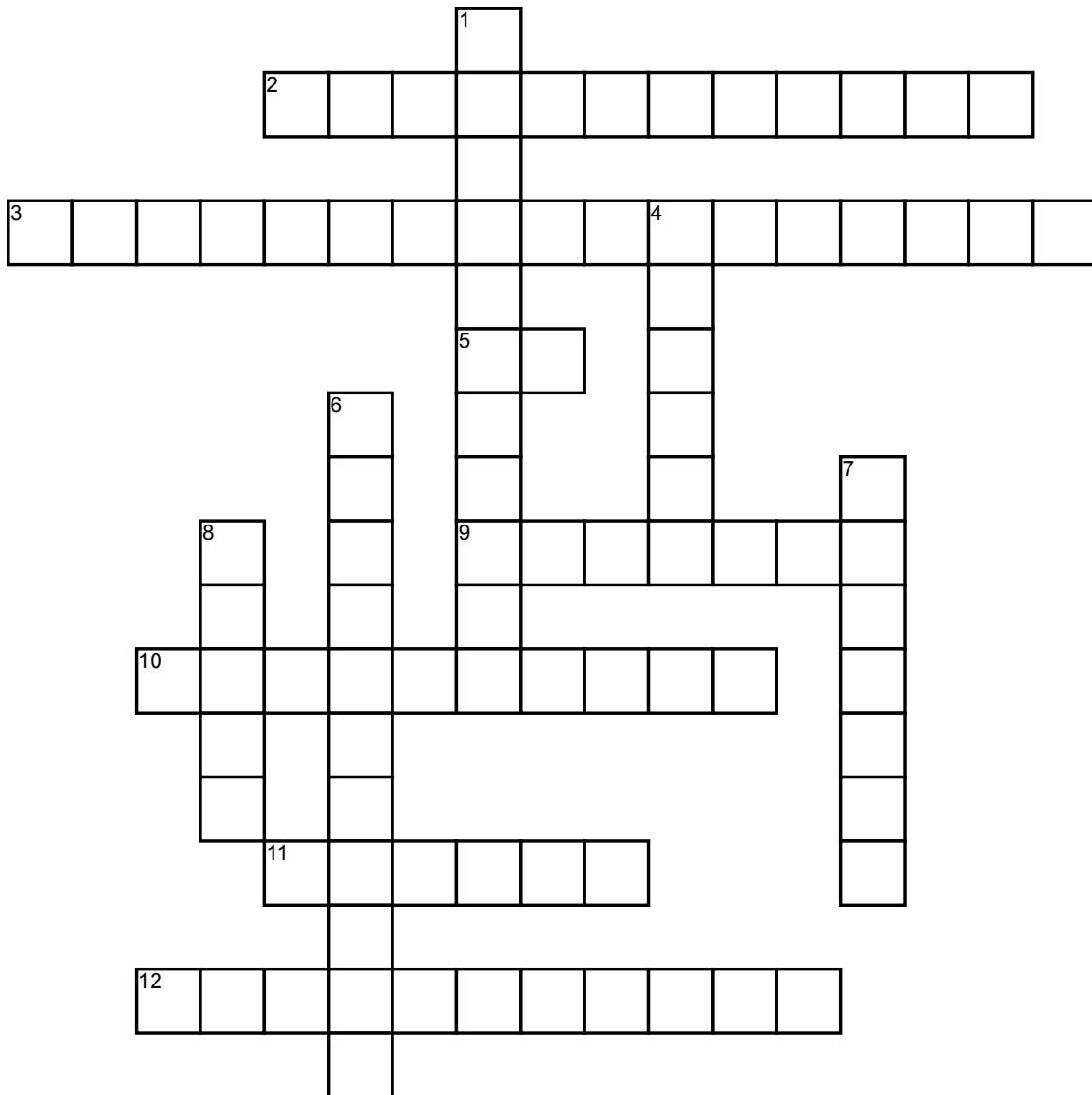


# Sickle-cell Anaemia



## **Across**

- 2.** A person that carries one gene for abnormal haemoglobin and one gene for normal haemoglobin is \_\_\_\_\_ for the sickle-cell characteristic.
- 3.** A genetic disorder caused by a gene mutation in the haemoglobin gene.
- 5.** Symbol used to represent haemoglobin.
- 9.** The biggest symptom/ side effect caused by sickle-shaped cells.

- 10.** A person that carries two genes for abnormal haemoglobin is \_\_\_\_\_ for the sickle-cell characteristic.
- 11.** \_\_\_\_\_ red blood cells carry more oxygen.
- 12.** Sickle-shaped red blood cells block the \_\_\_\_\_ and prevent the movement of normal red blood cells.

## **Down**

- 1.** The treatment for people with sickle-cell anaemia.
- 4.** One or more forms of a gene.

- 6.** The pigment in red blood cells that is responsible for the transport of oxygen.
- 7.** People that are carriers of the sickle-cell trait have a lower susceptibility to \_\_\_\_\_.
- 8.** People with sickle-cell anaemia has a \_\_\_\_\_ life expectancy.