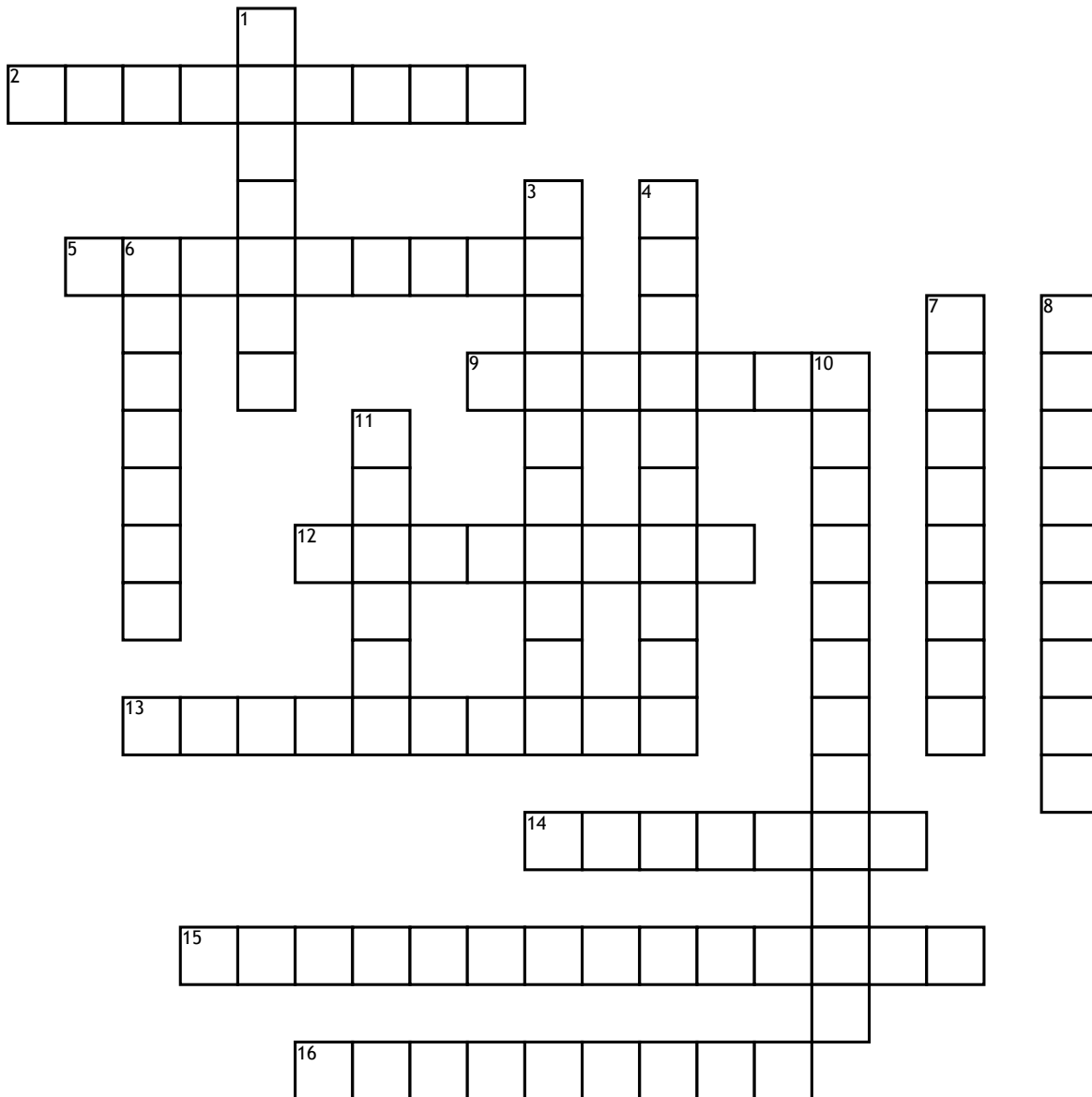


Name: _____

Date: _____

Cell Division



Across

2. An exact copy of something

5. Chromosomes in their elongated form

9. A form of nuclear division other than mitosis

12. Stage in mitosis when an equal number of chromosomes are pulled to each pole

13. The point at which chromosomes are attached to a double-stranded chromosome

14. Nuclear division in which the chromosome number in each resulting nucleus remains the same as in the parent nucleus

15. A shallow groove that appears around the cell during metaphase

16. Final stage in mitosis

Down

1. A cell with two sets of chromosomes (2n)

3. Longest phase of the cell cycle when the cell is not dividing

4. Structures made of DNA and protein containing genes

6. A cell with one set of chromosomes (n)

7. First stage of mitosis when the nuclear membrane starts to break down and spindle fibres appear

8. Second stage of mitosis when chromosomes line up along the equator

10. The fibres that appear in the cytoplasm during prophase

11. A disorder that occurs when cells lose their ability to control the rate of mitosis