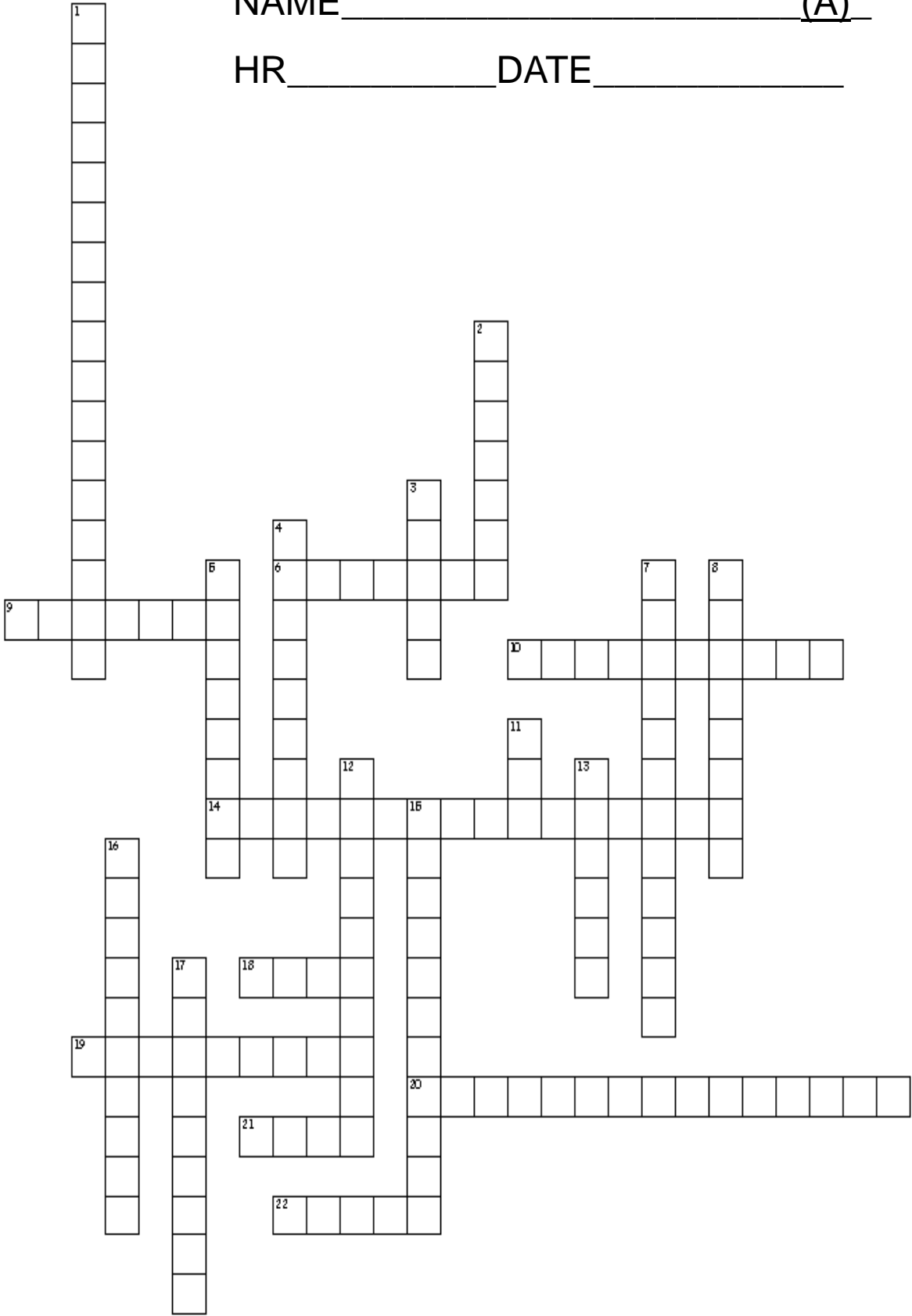


NAME _____ (A)

HR _____ DATE _____



MITOSIS

(A)

Across

6. control each step of the cell cycle
9. spindle fibers are made of this organic compound
10. structures that migrate to opposite ends of the cell during Prophase
14. chromatin pulls together during prophase to form these pairs of rope-like structures
18. ribosomes and mitochondria are produced
19. interphase and mitosis
20. sister chromatids line up here during metaphase
21. during which stage does the cell experience most of its growth?
22. copy during S phase

Down

1. when cells touch, they stop dividing
2. considered nuclear division because the focus is on the genetic material of the cell
3. mass of cancerous cells
4. sister chromatids line up along the equatorial plate
5. karyokinesis occurs during this stage
7. splitting of the nucleus
8. when the nuclear envelope begins to disappear
11. the number of cells produced after one cell cycle
12. structure that holds sister chromatids together
13. uncontrolled dividing of cells
15. splitting of the cell
16. produced during G2
17. spindle fibers are completely gone