

## Cellular Reproduction Magic Squares

Prophase _____	Chromatid _____	Metaphase _____
Centromere _____	Anaphase _____	Spindle fibers _____
Mitosis _____	Interphase _____	Telophase _____

Directions: Write the correct number of the definition in the box. The sum of the boxes down, across, and diagonal for all rows and columns will be equal to the magic number. Some of the definitions will not be used.

1. This is made up of two chromatids held together by a centromere
2. A chromosomes is made up of two of these
3. A phase of mitosis in which the cell membrane reappears and the cytoplasm pinches together
4. This hold chromatids together forming a chromosome
5. A type of cell division that results in 2 identical daughter cells
6. A phase of mitosis in which chromosomes move to opposite sides of the cell
7. A phase of mitosis in which chromosomes line up in the middle of the cell
8. These pull the chromatids through the cell during mitosis
9. A phase of mitosis in which the nuclear membrane disappears, spindle fibers form, and the genetic material is in the form of chromosomes
10. Consists of the G1, S, and G2 phases.