

**Goal** • Review your understanding of the phases of the cell cycle.

**What to Do**

Write the name of the stage of the cell cycle that corresponds to each event described below.

1. Centromeres divide. \_\_\_\_\_
2. Centrioles move to opposite ends of the cell. \_\_\_\_\_
3. Nuclear membranes form around each mass of chromosomes. \_\_\_\_\_
4. Chromosome strands separate and move toward opposite ends of the cell. \_\_\_\_\_
5. A copy of each chromosome is made. \_\_\_\_\_
6. Cell membrane pinches together and the cytoplasm of the cell divides. \_\_\_\_\_
7. The nuclear membrane disappears. \_\_\_\_\_
8. Daughter cells form. \_\_\_\_\_
9. Double-stranded chromosomes line up in the centre of the cell. \_\_\_\_\_
10. It makes up most of a cell's life. \_\_\_\_\_

**Short Answer**

11. In mitosis, how many cells form from the original cell? \_\_\_\_\_