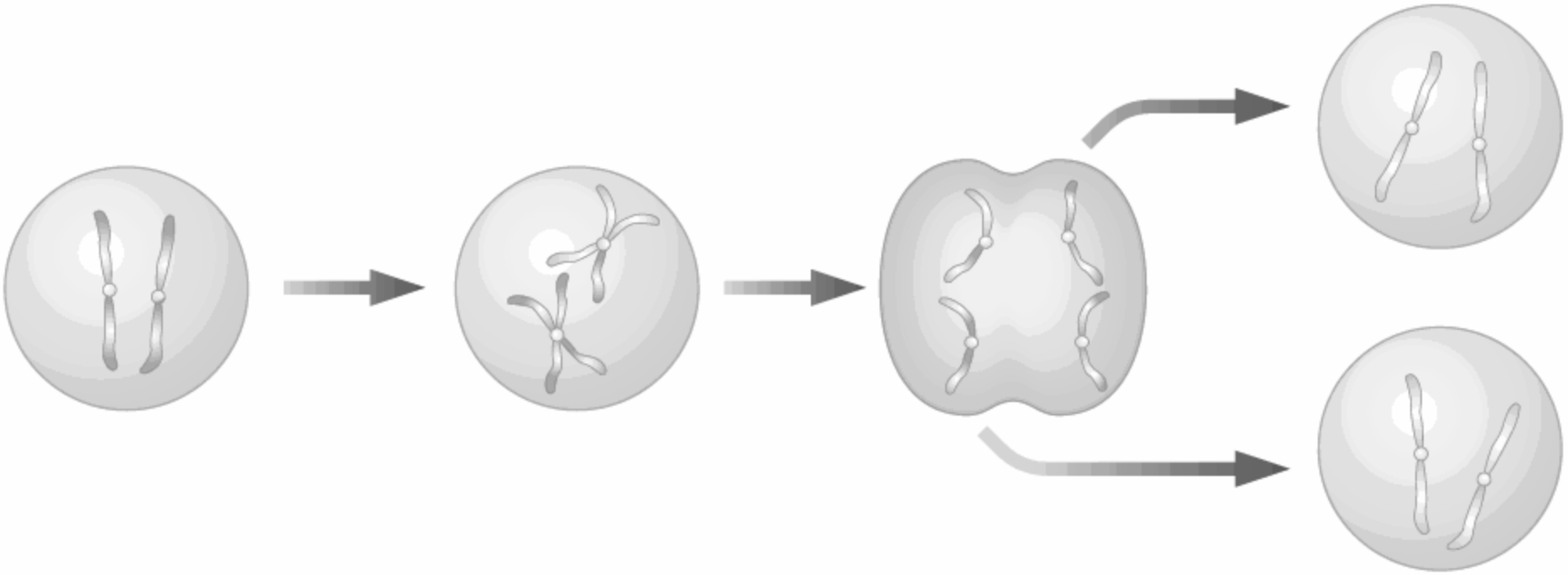


The Process of Mitosis



Cell nucleus with a pair of chromosomes

Chromosomes split and replicate to produce two identical pairs

The pairs separate, and the cell divides

Each daughter cell now has a pair of chromosomes that is identical to the original pair