

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

### 4.2-1 Reviewing Mitosis

1. Read the phases of mitosis listed below. Number each of the steps to indicate their correct order, and then name the phase that each event describes.

\_\_\_\_\_ Nuclear membranes form and spindle fibres dissolve. \_\_\_\_\_

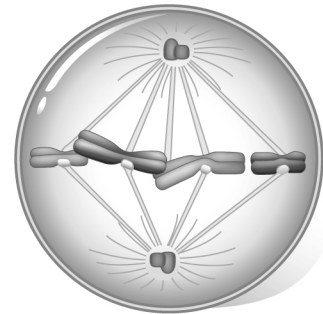
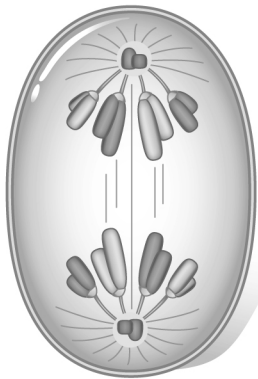
\_\_\_\_\_ Spindle fibres align the chromosomes along the equator of the cell \_\_\_\_\_

\_\_\_\_\_ Nuclear membrane dissolves, chromosomes become visible, and spindle fibres attach to the chromosomes. \_\_\_\_\_

\_\_\_\_\_ Centromeres split and sister chromatids move to opposite poles of the cell. \_\_\_\_\_

\_\_\_\_\_ Cytoplasm is divided to form two new cells. \_\_\_\_\_

2. Label the phases of mitosis shown in each diagram below.



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