CELL CYCLE Worksheet

Please fill in each of the lettered boxes with the correct name of the phase. Then fill in each of the numbered lines with the correct description or term for that structure. Continue onto the back and answer the questions.

Questions on back
Analysis Questions:

1. What moves the chromatids during mitosis?

2. What are the four phases of mitosis?

3. How many daughter cells are created from mitosis and cytokinesis?

4. During which part of the cell cycle does cytokinesis occur?

5. If a normal human cell has 46 chromosomes, how many chromosomes will be in each daughter cell?

6. If a dog has 72 chromosomes in a normal cell, how many daughter cells will be created during a single cell cycle?

7. How many chromosomes will each of the daughter cells from the previous question have?

8. The nuclear membrane dissolves during which phase?

9. In the cell pictured on page 1, how many chromosomes are present during prophase?

10. What structure holds the individual chromatids together?