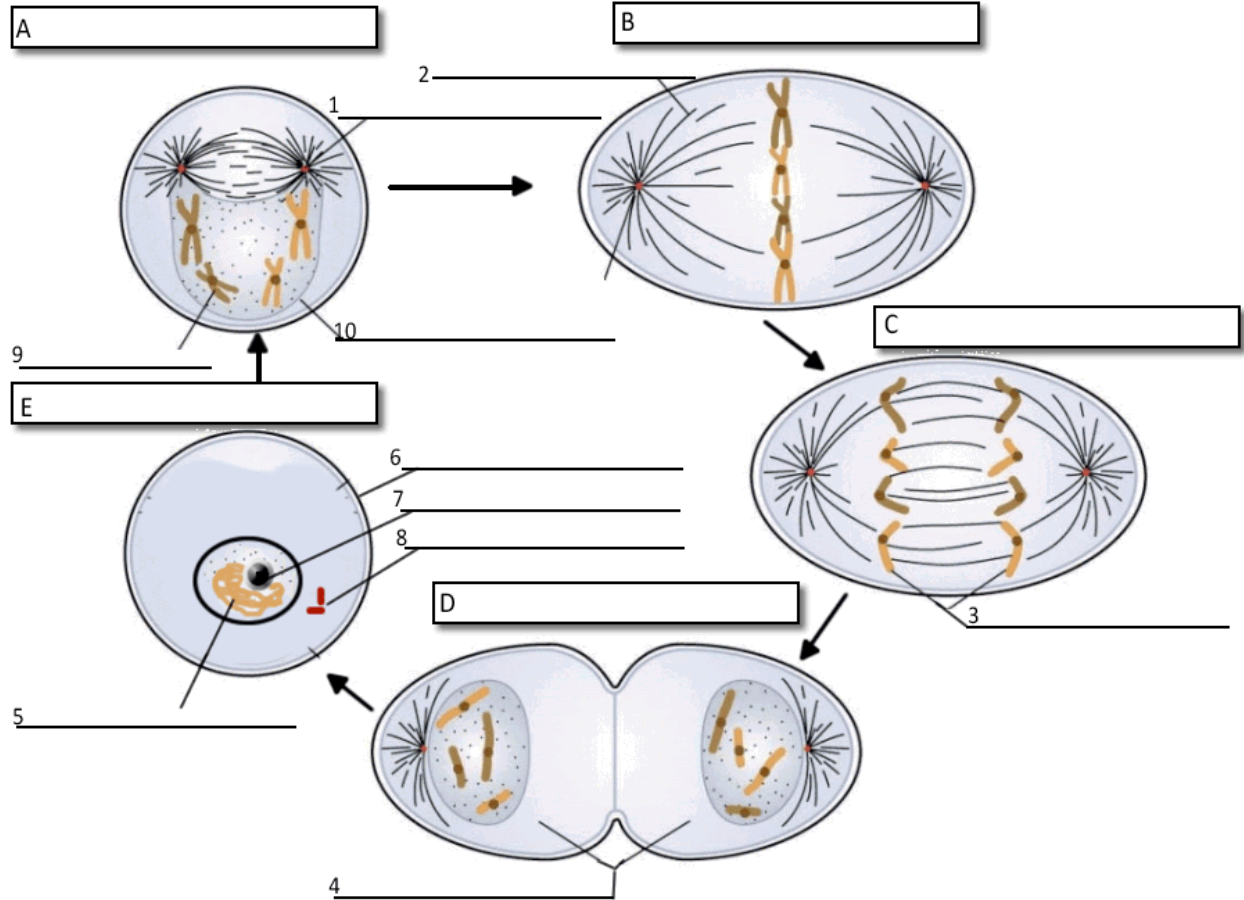


Label the following figure.



11. What moves the chromatids during mitosis?

12. What anchors the spindle?

13. What are the four phases of mitosis?

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

15. During what phase does cytokinesis begin?

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

17. If a dog cell has 72 chromosomes, how many daughter cells will be created during a single cell cycle? How many chromosomes will each cell have?

18. The nuclear membrane dissolves during what phase?

19. In the cell pictured above, how many chromosomes are present during prophase?

20. What structure holds the individual chromatids together?