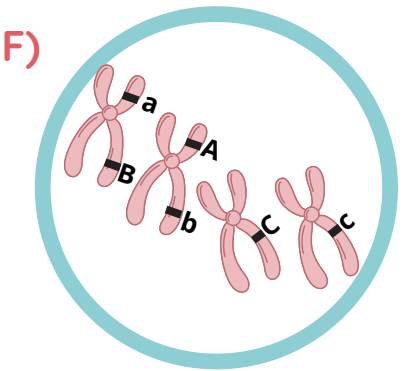
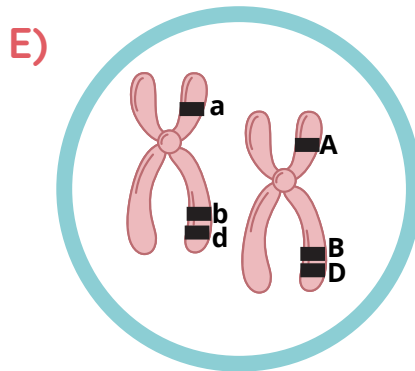
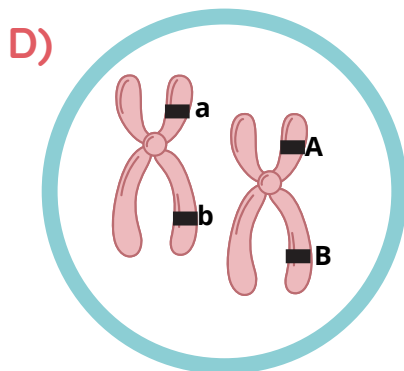
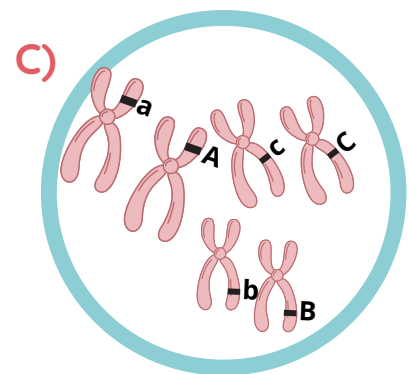
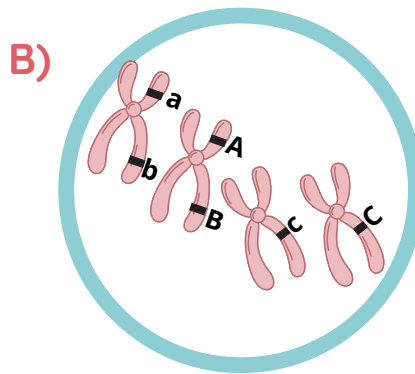
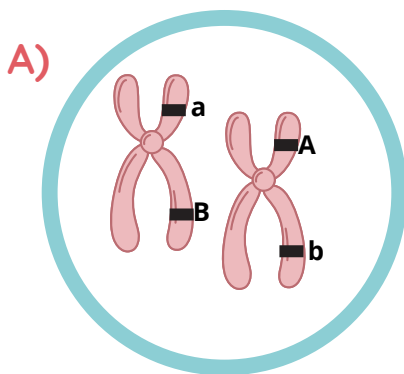


Chromosomal theory of inheritance

Task: In this activity, you will analyze different cells labeled A-F. Work in pairs to write all possible types of gametes for each organism.



Questions:

1) Which cells show evidence of crossing over? Explain how you identified this.

2) Compare the possible gametes from cells A and C. How does crossing over affect the variety of gametes?

3) In cell E, if gene A and gene D are located far apart, what is the likelihood of crossing over occurring between them? Justify your answer.
