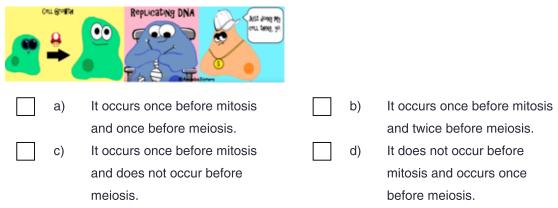
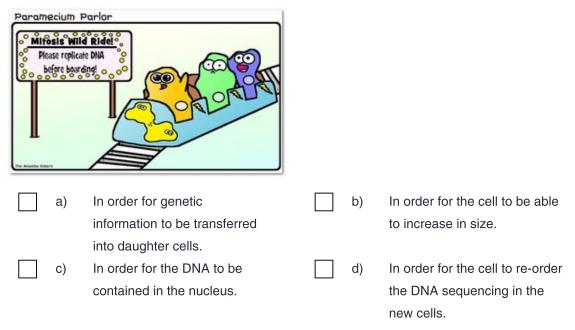
Quizizz	Name : Class :
Amoeba Sisters: Mitosis vs. Meiosis Challen	

1. Interphase is when a cell is growing, replicating its DNA, and carrying out cell processes. Which of these is correct regarding its occurence?



2. Why would it be important to replicate DNA before a cell divides in mitosis or meiosis?

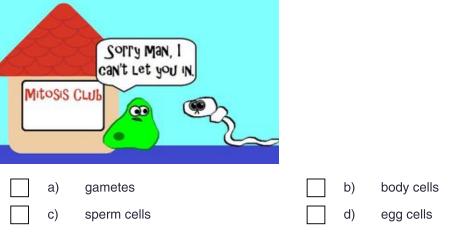


3. In mitosis, the two resulting cells are

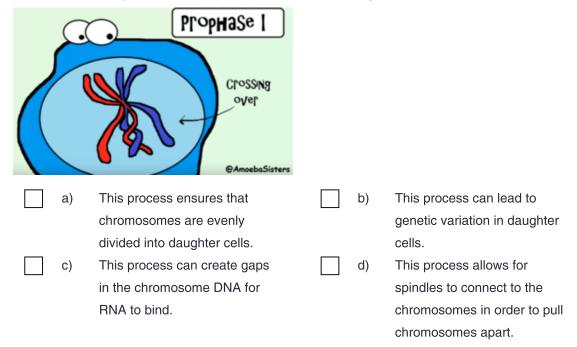
Happy birthdayl	tosis birthday parties		
a)	different from the starting cell and identical to each other. identical to the starting cell and different from each other.	b) d)	different from the starting cell and different from each other. identical to the starting cell and identical to each other.

4. Meiosis produces different types of cells than mitosis. If there was a "meiosis club," all of these cells could be included EXCEPT

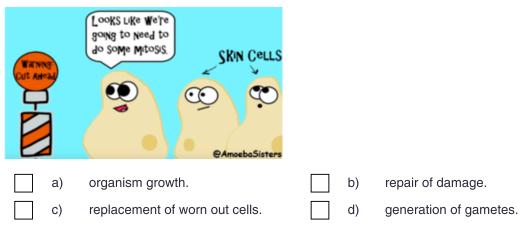
(Which cell type is not produced in meiosis?)



5. In meiosis, crossing over occurs in prophase 1. What is the significance of this event?



6. Mitosis is useful for the creation of new cells which is important for all of the following EXCEPT



7. Fruit fly body cells have 8 chromosomes. After mitosis, you would expect a resulting fruit fly daughter cell to have -

