



A cat has 19 chromosomes in its gametes.

- a. How many chromosomes will **an egg** have? _____
- b. How many homologous pairs are found **in a diploid cell**? _____
- c. How many nonreplicated chromosomes are found at **the beginning of meiosis I**? _____
- d. How many tetrads are found **at the beginning of meiosis II**? _____
- e. How many chromatids will be found **at the beginning of meiosis I**? _____
- f. How many chromosomes will be found at the **beginning of MITOSIS**? _____
- g. What is diploid number of the cat's cells? _____
- h. How many cells are produced at the end of meiosis I? _____
- i. How many chromosomes are found in the cells produced by mitosis? _____
- j. How many tetrads are found in Meiosis I? _____