

GRADE 9:

ACTIVITY 3:

Chromosomes and Meiosis

1. Which of the following Best describe intestinal cells and neurons?

haploid germ cells      diploid somatic cells      haploid somatic cells

2. A  is a segment on the long chain of DNA  
that is tightly wrapped to form a



3. A karyotype is best made during the  of mitosis when  
chromosomes are clearly visible.

4. An organism that has 8 chromosomes in its germ cell would have   
chromosomes in its muscle cells.

5. A human sperm cell has 23 chromosomes.

How many chromosomes does an egg cell have?

