

9th Grade Science Quarter 4
5.2 - Chromosomes and Mitosis

Name: _____

Fill in the following table and answer all questions using sections 5.2 in your ABHS Q4 Biology 1 Flexbook.

5.2 Vocabulary	Definition from context	Picture or diagram or example
Chromosomes		
Chromatin		
Sister chromatids		
Genes		
Homologous chromosomes		Total number of chromosomes in a human: Number of chromosomes from mom: Number of chromosomes from dad:

Question: Answer in complete sentences.

1. Write the **major events** that happen in each step. **Provide a drawing of each phase for extra credit:**

Prophase:

Metaphase:

Anaphase:

Telophase:

Cytokinesis: