**Freshman Biology Genetics – Std 4/Obj 1 Study Guide**

**Meiosis I**

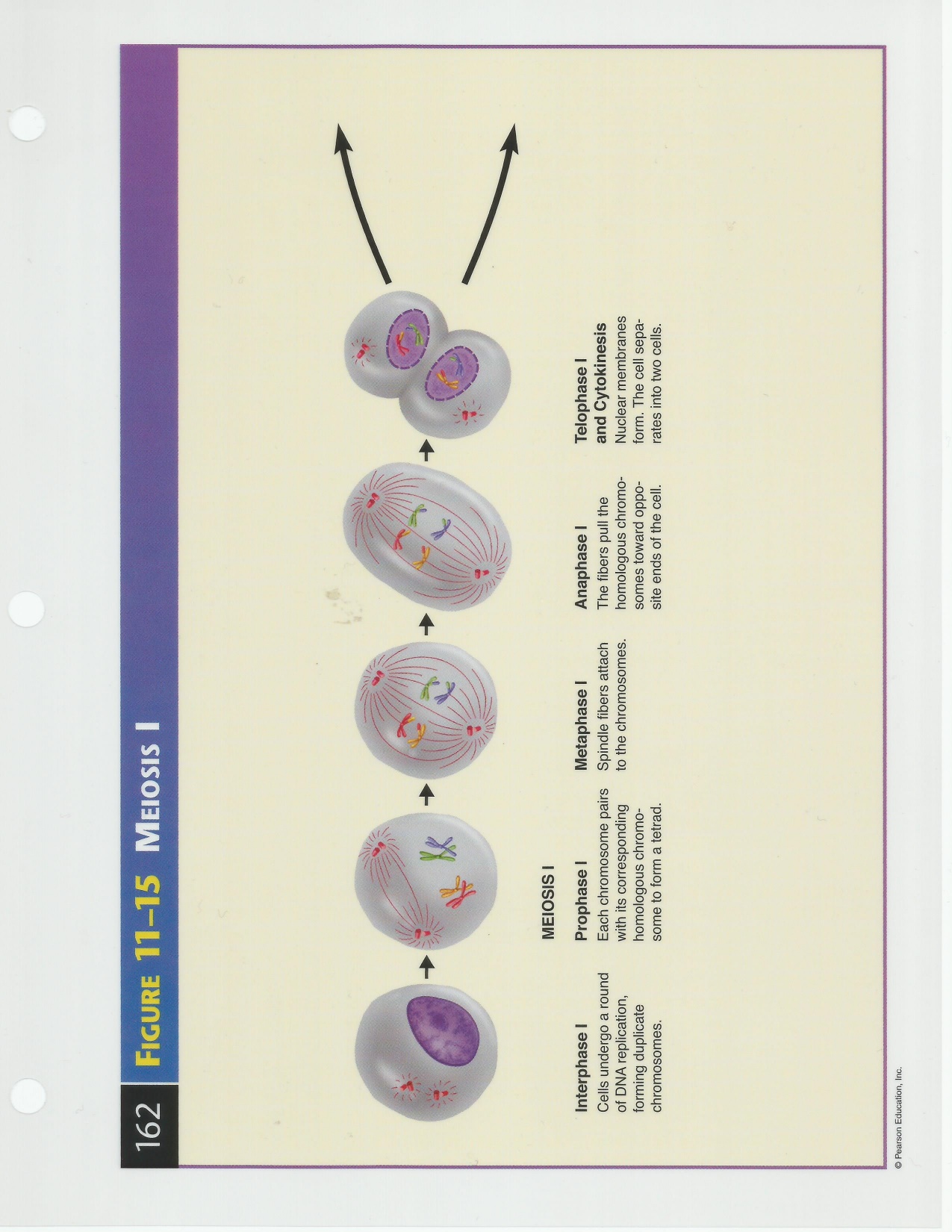
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Interphase I:

Prophase I:

Metaphase I:

Anaphase I:

Telophase I

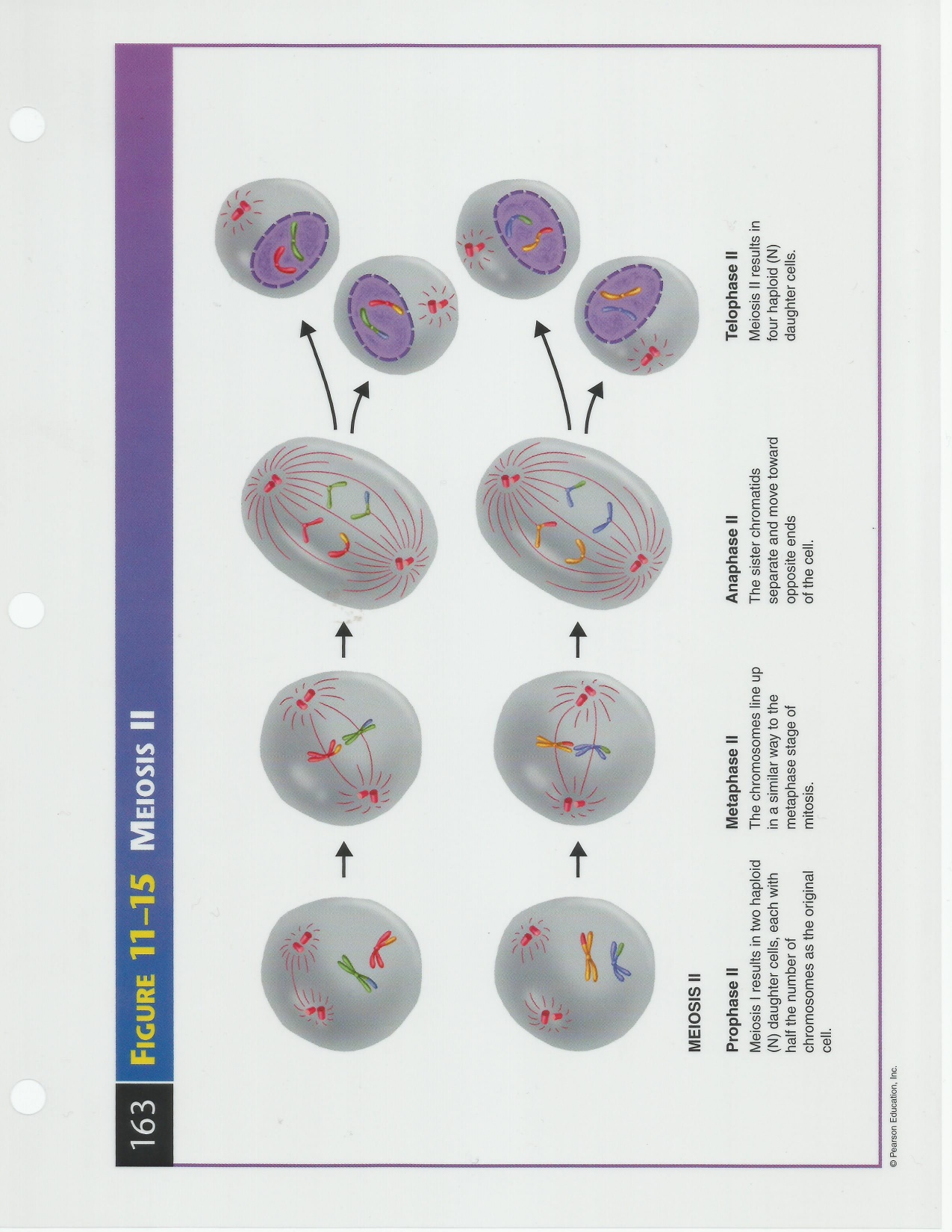
& Cytokinesis:

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**Meiosis II**

Prophase II:

Metaphase II:

Anaphase II:

Telophase II:

Diploid:

Haploid:

How many chromosomes does each of our (human) cells have?

Chromosome:

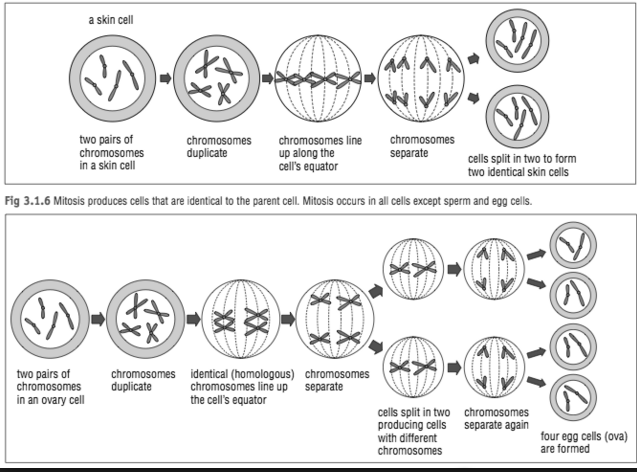
Gene:

Homologous:

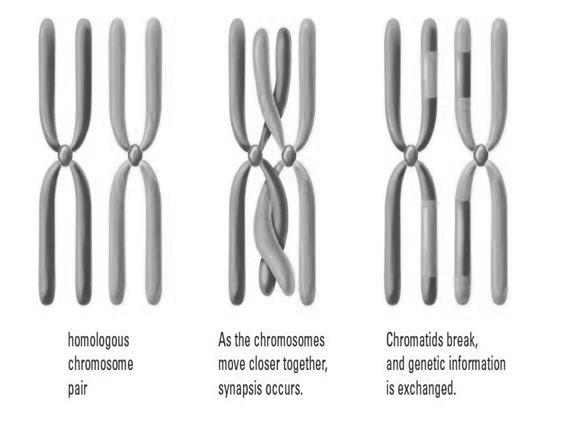
Gamete:

Fertilization:

Mitosis vs. Meiosis:



Genetic Variation:

Crossing Over:

Sexual Reproduction:

Asexual Reproduction:

Mutation:

Mutagen:

Bioethics: