



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

### Match each of the following terms to its definition:

Meiosis

Mendel, Gregor

Metaphase II

Mitosis

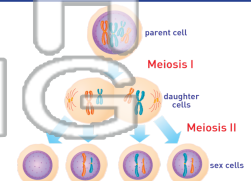
mRNA

Multiple alleles

Metaphase I

Mutation

1. \_\_\_\_\_ - cellular process responsible for producing sex cells (egg and sperm) that contain half the number of chromosomes of the parent cell



2. \_\_\_\_\_ - an Austrian monk and teacher who developed the foundation of genetics based on his pea plant studies



3. \_\_\_\_\_ chromosomes

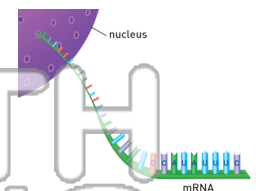


4. \_\_\_\_\_ up in the

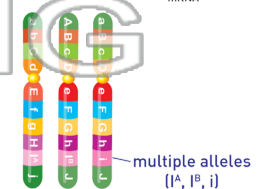
5. \_\_\_\_\_ development product

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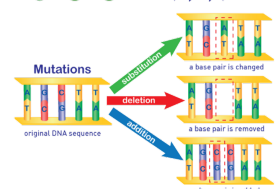
6. \_\_\_\_\_ - messenger ribonucleic acid; carries a code for producing proteins in the cell



7. \_\_\_\_\_ - more than two alternate forms of a particular gene



8. \_\_\_\_\_ - a change that takes place on a gene or a chromosome





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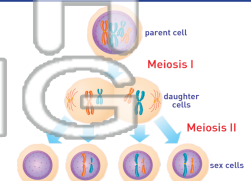
mRNA

Multiple alleles

Metaphase I

Mutation

1. **meiosis** - cellular process responsible for producing sex cells (egg and sperm) that contain half the number of chromosomes of the parent cell



2. **Mendel, Gregor** - an Austrian monk and teacher who developed the foundation of genetics based on his pea plant studies



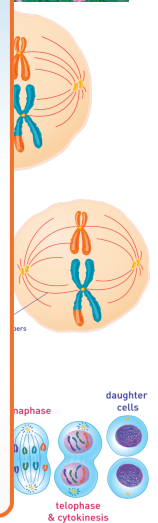
3. **metaphase** chromosomes



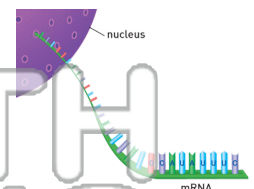
4. **metaphase** up in the

5. **mitosis** development and production

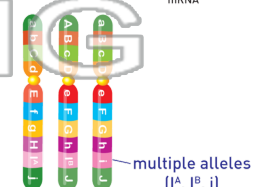
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6. **mRNA** - messenger ribonucleic acid; carries a code for producing proteins in the cell



7. **multiple alleles** - more than two alternate forms of a particular gene



8. **mutation** - a change that takes place on a gene or a chromosome

