



Name _____ Class _____ Date _____

Match each of the following terms to its definition:

Prophase II

Punnett square

Sex cells

Replication

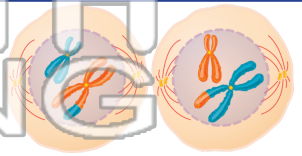
Protein

Protein synthesis

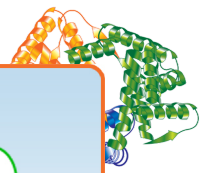
Ribosomes

Recessive allele

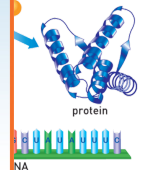
1. _____ - a phase of meiosis II during which chromosomes thicken and the nuclear membrane breaks apart



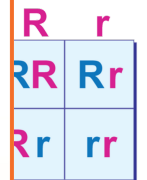
2. _____ - large organic molecules that are made of carbon, oxygen, hydrogen, nitrogen, and sometimes sulfur; proteins and lipids are the key components



3. _____ protein



4. _____ that results

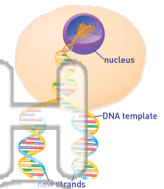
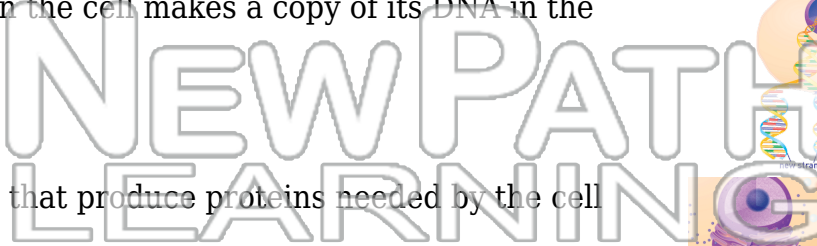
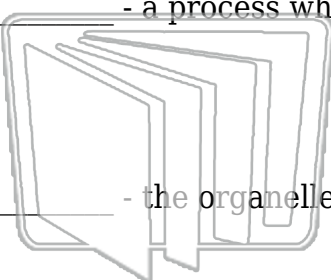


5. _____ present

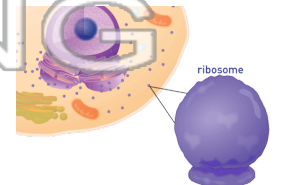
PREVIEW
Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet



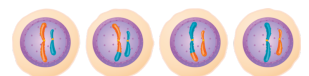
6. _____ nucleus



7. _____ - the organelles that produce proteins needed by the cell



8. _____ - reproductive cell (eggs or sperm) which contain half the number of chromosomes of body cells; sperm produced in the testes by males, and eggs produced in the ovaries by females





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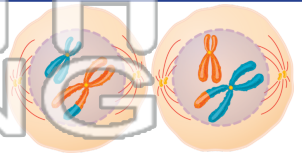
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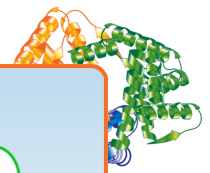
Ribosomes

Recessive allele

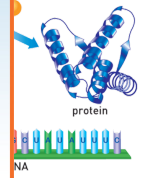
1. **prophase II** - a phase of meiosis II during which chromosomes thicken and the nuclear membrane breaks apart



2. **protein** - large organic molecules that are made of carbon, oxygen, hydrogen, nitrogen, and sometimes sulfur; proteins and lipids are the two main components of a cell



3. **protein synthesis** - the process of creating proteins



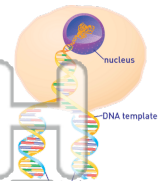
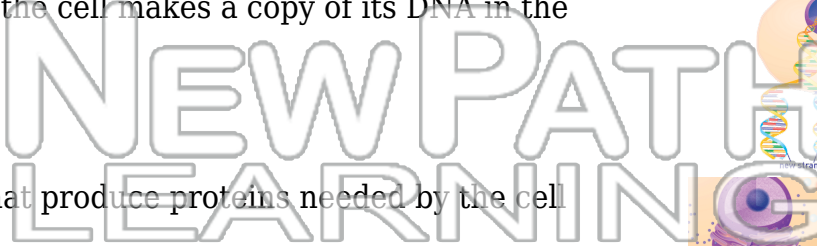
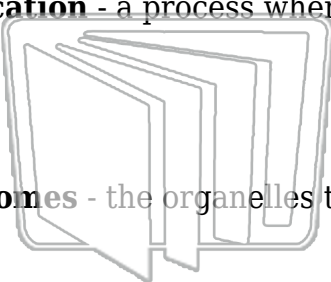
4. **Punnett square** - a diagram that is used to predict the outcome of a particular cross or breeding experiment

R	r
RR	Rr
Rr	rr

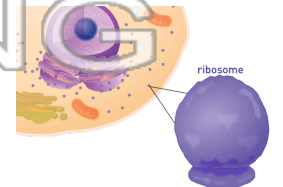
5. **recessive allele** - an allele that is only expressed when two copies are present



6. **replication** - a process when the cell makes a copy of its DNA in the nucleus



7. **ribosomes** - the organelles that produce proteins needed by the cell



8. **sex cells** - reproductive cell (eggs or sperm) which contain half the number of chromosomes of body cells; sperm produced in the testes by males, and eggs produced in the ovaries by females

