

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Heredity and Genetics

1. What is RNA's most important job?  
A. During cell division
2. DNA is single stranded, True or False?  
B. a zygote
3. How do identify a nucleotide?  
C. 46
4. How can you show how a trait gets passed down throughout the generations?  
D. sexual reproduction
5. Are dominant alleles capital or lower-case?  
E. pairs of chromosomes
6. What is it called if a organism to have 2 of the same kind of gene for a trait?  
F. Pea plants
7. What did Mendel study?  
G. XX
8. How many chromosomes do you have?  
H. synthesizing
9. What does sperm and egg create when they fuse?  
I. A pedigree
10. When you are a adult, what will you produce?  
J. homozygous
11. When do scientists study chromosomes?  
K. False
12. What chromosome do females have?  
L. capital
13. How do parents create offspring's?  
M. meiosis
14. What is diploid?  
N. gametes
15. What is cell division called?  
O. Its base