INSTRUCTIONS:

The following sample reference sheet is ONLY for students who have accommodation A9 listed in their IEP or 504 plan.

Before testing:

Schools should print out the following pages (or a reference sheet that has been submitted to and approved by the Department) and distribute to students who have accommodation A9 so that students can practice using the reference sheet. Schools should also remind students that during testing they may only use a reference sheet that has not yet been filled in.

During testing:

At the start of each test session, test administrators should check that that they are only providing reference sheets that have not already been filled in, and that they are providing them only to students who have accommodation A9 in their IEP or 504 plan.

Test administrators should remind students that they may not use any sheets that were filled in previously, nor any other reference materials or notes. Results **may be invalidated** for students who use a reference sheet that has already been filled in.
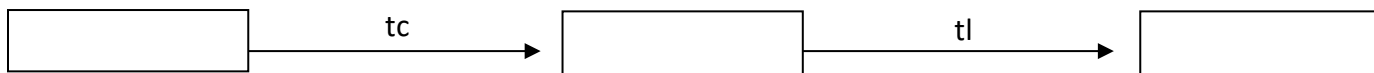
Note: Students may ONLY be provided with a blank reference sheet to use during testing.

Molecules to Organisms: Structures and Processes

Elements: C_____ H_____ N_____ O_____ P_____ S_____

Molecule	Building Blocks	Elements	Functions
C			
L			
P			
N A			

	tc →		tl →	

__NA – ACGT
__NA – ACGU

	Mitosis
# chromosomes in parent cell	
# chromosomes in resulting cells	
types of cells produced	

Cell Cycle
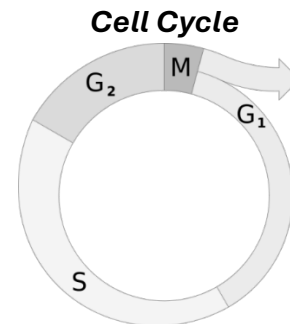
C_____ + W_____ + S_____ → G_____ + O_____

G_____ + O_____ → E_____(___) + C_____ + W_____

Body System	Organs/Structures	Function(s)
Circulatory		
Digestive		
Excretory		
Nervous		
Respiratory		

	Meiosis
# chromosomes in parent cell	
# chromosomes in resulting cells	
types of cells produced	

Punnett square

____   ____

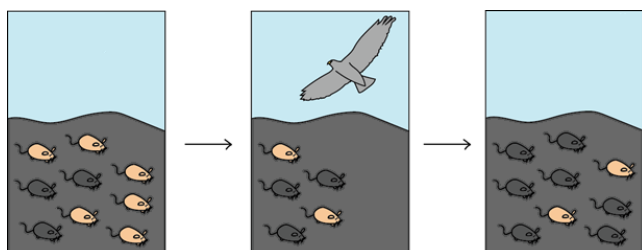|	
____	
____	

each square = ____%
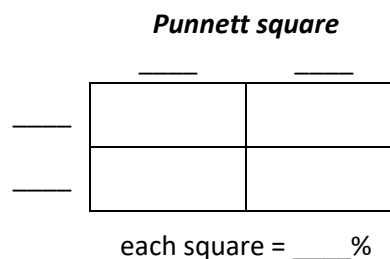
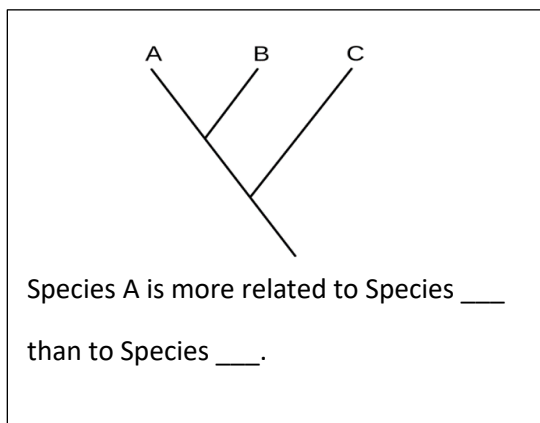Gametes are _____ cells and _____ cells, which are h_____ cells.

Fertilization results in a z_____ which is a d_____ cell.

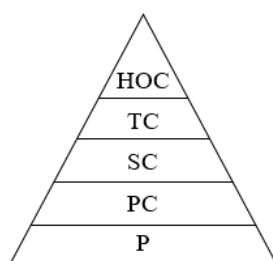Changes in the sequence of nucleotides in a cell's DNA are called m_____.

Evolution

Dark-colored mice were more likely to _____

and _____ because of _____ _____.

Species A is more related to Species ___

than to Species ___.

Ecology

A food web is a model that shows the flow of _____ from _____ to _____ .

10% Rule: Approximately 10% of _____ is available to the _____.

M = (+,+)

C = (+,0)

P = (+,-)

Biodiversity increases when there are _____ species and _____ individuals.

Carbon Cycling

Process	Carbon In? In what form?	Carbon Out? In what form?
Photosynthesis		
cellular respiration		
Decomposition		
Combustion		

Science Prefixes

auto – self	hetero – different	pheno – physical
di – two	homo – same	poly – many
geno – genes	multi – many	uni – one

Science Practices
What is the Claim?
What is the Evidence?
What is the Reasoning?
Was data asked for in the question? Did you include it in your answer?
If asked to provide a question, is it a testable question?