

Question 5:
Does the diagram show haploid or diploid?

haploid - 1 pairs
diploid - 2 pairs

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Question 6:
What event during Prophase I results in genetic variation in the daughter cells therefore also the next generation of organisms?

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Question 14:
When there are two different alleles present for a gene, the phenotype that is expressed is called by what name?

homozygous - BB bb
heterozygous - Bb
phenotype - looks like
genotype - letters

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Question 29:
If both parents carry the recessive allele for cystic fibrosis the chance that their child will develop the disease is considered to be what percent?

both parents are carriers - Ff

Punnett square:

	X ^F Y	X ^f Y
X ^F X ^f	X ^F X ^F	X ^F X ^f
X ^f X ^f	X ^f X ^F	X ^f X ^f

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Question 34:
When reading a pedigree, a ■ represents _____ and a □ represents _____

□ male they don't have it
■ male they have it
○ female they don't have it
● female they have it
▭ carrier

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Question 47:
The structures labeled Z in the diagram are:

phosphate groups
sugar
nitrogen bases

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Question 68:

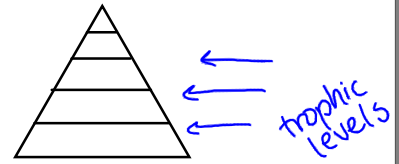
Lichens are algae plus fungi. Algae make food for fungi, fungi give the algae a place to live. This is an example of what kind of relationship?

- mutualism (+) (+)
- commensalism (+) nothing
- parasitism (+) (-)

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Question 74:

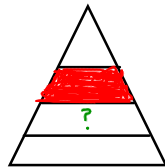
In the diagram to the right, each step in the food chain or food web is called a (n):



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Question 80:

Study the diagram to the right. If humans aggressively hunted and eliminated the opossums (secondary consumers) infer what would happen to the primary consumers:



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Question 85:

Do not worry about 81-87

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