Names of Group Members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Pennsylvania Food Chains**

Our group’s Pennsylvania ecosystem is (circle it):

**Aquatic (lentic and lotic) Cornfield Forest City Park Grasslands**

What organisms live in this ecosystem? Be specific.

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Circle all of the producers in green, the consumers in red, and the decomposers in black. If you don’t have any decomposers on your list, add one or two now.

In the space below, use the organisms from your list to make TWO different food chains. Be sure to include arrows and the Sun. Label the producers, primary consumers, secondary consumers, and tertiary consumers.

**Questions**

1. What do the arrows represent in a food chain?

2. What do producers do with the Sun’s energy?

3. How do consumers use the energy they get from producers when they eat them?

Names of Group Members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Pennsylvania Food Chains** ***Answer Key***

Our group’s Pennsylvania ecosystem is (circle it):

**Aquatic (lentic and lotic) Cornfield Forest City Park Grasslands**

What organisms live in this ecosystem? Be specific. Answers will vary.

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Circle all of the producers in green, the consumers in red, and the decomposers in black. If you don’t have any decomposers on your list, add one or two now. Answers will vary.

In the space below, use the organisms from your list to make TWO different food chains. Be sure to include arrows and the Sun. Label the producers, primary consumers, secondary consumers, and tertiary consumers.

Answers will vary. Trophic levels should be labeled correctly and arrows should point from the Sun, to producers, to primary consumers, to secondary consumers, to tertiary consumers.

**Questions**

1. What do the arrows represent in a food chain?

The arrows represent the transfer of energy when organisms eat one another.

2. What do producers do with the Sun’s energy?

Producers convert sunlight energy into energy stored as food.

3. How do consumers use the energy they get from producers when they eat them? Consumers use the energy for life processes, such as movement, growth, breathing, and some energy is given off as heat.