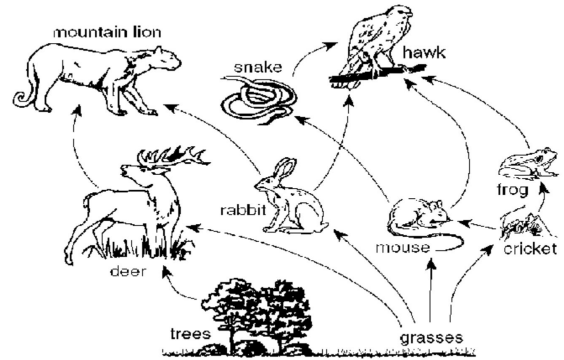


Math & Science Homework Boxes

Monday

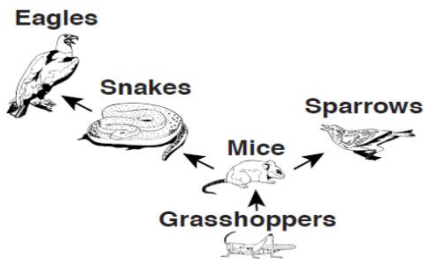
1. What do a snake, a hawk, and a fox have in common?
 - a. They all produce their own food.
 - b. They all get most of their energy from eating animals.
 - c. They all get most of their energy from eating plants.
 - d. They are all decomposers.
2. Explain the importance of the arrows in a food chain or food web. Which direction do they point? What do they tell you?
3. Bacteria, earthworms, and mushrooms are all examples of _____.
4. If predator numbers are higher in an area (i.e. a fox population is high in an area where they eat rabbits), what is most likely observed about their prey numbers?

Tuesday



1. Which organisms on the food web have no predators?
2. Identify 2 food chains that include a snake.
3. Insecticide is sprayed on the field to kill crickets. Explain how this will affect the mouse population.

Wednesday



1. Which of the statements is true?
 - a. Energy transfers from sparrows to grasshoppers.
 - b. Energy transfers from eagles to snakes.
 - c. Energy transfers from grasshoppers to mice.
 - d. Energy transfers from snakes to mice.
2. In which biome would this food web most likely be found?
 - a. Estuary
 - b. Deciduous Forest
 - c. Rainforest
 - d. Tundra

Thursday

1. A biome with warm and rainy climate year round. Typical life found there includes a large variety of trees and vines and animals like monkeys, parrots, snakes, and jaguars.
 - a. Tropical Rainforest
 - b. Grassland
 - c. Tundra
 - d. Savanna
2. Which explains why the deep ocean does not have many producers?
 - a. There is too much salt
 - b. There is too much water pressure
 - c. There is not enough sunlight
 - d. There are no herbivores

Which of the following is not a saltwater biome?

- a. Estuaries
- b. Lake
- c. Ocean
- d. Salt Marsh

Monday

1. Noah is 62 inches tall. How tall is Noah in feet and inches?
2. A maple syrup manufacturer ships his product in bottles which each hold 8 ounces of syrup. If each shipping box contains 32 bottles, how many ounces of syrup are in each box?
3. Jenna has 3 cups of rice and needs $\frac{1}{3}$ of a cup for each sushi roll she makes. How many sushi rolls can she make?

Tuesday

1. On Monday's homework, you found out how many ounces of syrup were in one box (8 ounces of syrup in each bottle, 32 bottles in a box). How many gallons of syrup does one box hold?
2. A certain power plant burns 500 pounds of coal each hour. How many tons of coal will it burn in 8 hours?
3. How many cups in:
 - a. 4 gallons?
 - b. 3 quarts?
 - c. 5 pints?

Wednesday

1. Which of the following is the standard form of: two thousand, three and forty-five thousandths?
 - a. 2,003.45
 - b. 2,300.045
 - c. 2,003.450
 - d. 2,003.045
2. Melissa's cat eats 8 ounces of dog food each day. Melissa bought a 28-pound bag of cat food. How many 8-ounce servings are in a 28-pound bag of cat food?
3. What is the smallest unit in the customary system if you are measuring **capacity**?

Thursday

1. Patel ran 2 miles. **How far did Patel run in feet?**
2. Freddie weighed 142 pounds at the beginning of the year. By the end of the year, he had lost 96 ounces. What was his weight in pounds at the end of the year?
3. The First in Fitness team on average drinks 288 fluid ounces of water altogether each practice. If there are 8 team members, on average how many cups of water does each member drink?
4. If Ms. Angelo watches 300 minutes of TV in a week, how many hours does she watch TV?

	3.
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