Name _____ Week of March 18th

Math & Science Homework Boxes

Monday

1. $\frac{1}{5} \div 5 =$ 2. $2\frac{1}{2} + 3\frac{1}{6}$

3. How would you type in your responses to #1 and #2 on the NC Check in or EOG?

4. $0.592 \times 10^3 =$

Tuesday

1. 2,504.34 + 65.4 = 2. 1,798.75 - 609.86 =

3. $6{,}000 \times 0.04 =$ 4. $458 \div 2.5 =$

5. Pick **two** of the equations above and write a word problem that matches the equations.

Wednesday

1. Jane had 4 ½ gallons of ice cream for her party. Her brother David ate 2 ⅕ gallons of ice cream before Jane even had her party. How many gallons of ice cream will Jane now have to serve for her party?

2. A truck can hold 3 ⅔ gallons of windshield wiper cleaner, but a car can only hold 1 ⅔ gallons of windshield wiper cleaner. How much more cleaner can a truck hold than a car?

3. Ari wanted to build a fence in for his dog. The length of his yard was 7⅗ feet and the width was 4⅔ feet. How many feet of fence will Ari need to build the fence?

Thursday

1. Dominic and Gus wanted to buy some upgrades for their Minecraft games. Dominic had $30.00 and bought upgrades for $14.68. Gus had $25.00 and bought upgrades for 9.85. Who had the most money left over after their purchase?

2. Solve: $4\,(9.2 + 1.6) - (2 \times \frac{1}{4}) =$

3. Rebecca ran 3 5/7 of a mile. Alex ran 2 1/3 of a mile. How much farther did Rebecca run?

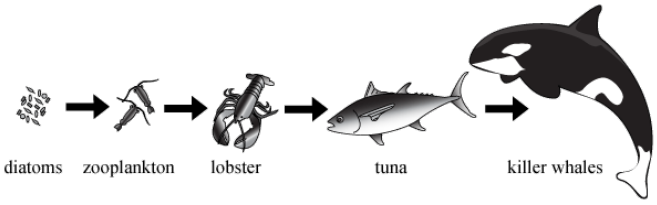
If your answer is a mixed number, write it as a mixed number AND an improper fraction.

Monday

1. Which of the following is an ecosystem along the coast where freshwater and saltwater mix?

a. ocean
c. estuary
b. pond
d. lake

2. The food chain below is part of a food web in an ocean.



If diatoms disappeared from this food chain, how would it affect the food web?

A. The food web would likely get stronger.
B. The food web would likely fall apart.
C. The food web would have more members.
D. The food web would receive more sunlight.

3. Kyla created a model of a land-based ecosystem for her science project. In her model, she included photographs of a black bear, deer, ferns, and shrubs. Which land-based ecosystem did Kyla create for her science project?

Tuesday

1. How is a temperate forest ecosystem different from a grassland ecosystem?

A. A temperate forest receives enough rain to support large trees, but a temperate grassland receives less rain and can only support small plants.
B. A temperate forest usually has plants that need a lot of sunlight, but a temperate grassland usually has plants that prefer to grow in shade.
C. A temperate forest is home to very few types of animals, but a temperate grassland is home to very many types of animals.
D. A temperate forest has mainly producers and consumers, but a temperate grassland has mainly producers and decomposers.

2. How have desert plants adapted to their environment?

A. by limiting the use of sunlight
B. by storing water
C. by distributing certain nutrients
D. by releasing water

3. Algae use energy from the Sun to make food. Which ecosystem role best classifies algae?

A. decomposer
B. primary consumer
C. producer
D. secondary consumer

Wednesday

1. Name three differences between a taiga biome and a temperate forest biome.

2. The largemouth bass feeds on small fish, snails, crayfish, and salamanders. What might be the role of the largemouth bass in a freshwater ecosystem?

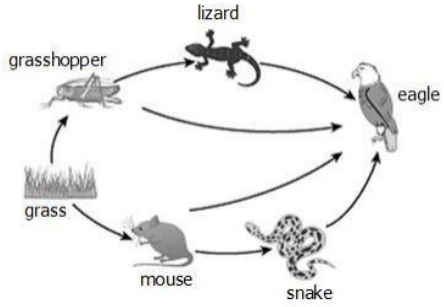
A. decomposer
B. primary consumer
C. producer
D. secondary consumer

3. The area surrounding Charlotte, North Carolina has many ponds, rivers, and lakes.

How are these ecosystems similar?

A. They are all the same size.
B. They are all the same shape.
C. They are all freshwater ecosystems.
D. They are all saltwater ecosystems.

Thursday



1. Which consumers in the food web are directly dependent on producers for energy?

2. How is energy transferred from grass to snakes?

3. What would happen to the lizard population if there was a sudden decrease in the grasshopper population?