

# Context Clue Practice

Directions: Read the following sentences and then match the underlined word with the correct meanings. Explain which context clues you used to help you choose your answer.

1. There was a long hiatus in the television broadcast. This pause was caused by technical problems.

A. noise

C. show

B. break

D. announcement

Explain how you know: \_\_\_\_\_

\_\_\_\_\_

2. Francesca was not sentimental about the old maple tree in the front yard. Although it had been important to her family to many generations, she had no trouble deciding to cut it down.

A. happy

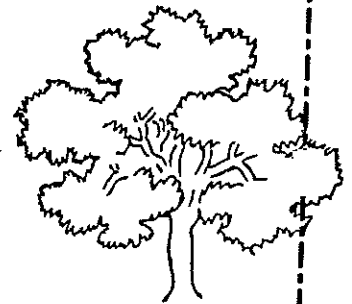
C. emotional

B. angry

D. tired

Explain how you know: \_\_\_\_\_

\_\_\_\_\_



3. Grandma Marie loved to indulge her grandchildren whenever she was watching them, giving them all the things they were never allowed to have, like soda and greasy food.

A. spoil

C. starve

B. ignore

D. humor

Explain how you know: \_\_\_\_\_

\_\_\_\_\_

4. Mya was nervous for the first day of school. She was an introvert, and her timidity made it hard for her to make new friends.

A. new student

C. class clown

B. a shy person

D. outsider

Explain how you know: \_\_\_\_\_

\_\_\_\_\_

5. The science fair needed impartial judges: they had to have no biases towards any of the contestants so that it would be fair.

A. expert

B. wealthy

C. open-minded

D. negative

Explain how you know: \_\_\_\_\_

6. As Jamal ran towards the goal on the soccer field, he suddenly rolled his ankle and fell painfully to the ground. He grimaced, clutching his ankle in pain.

A. frowned

B. smiled

C. laughed

D. walked

Explain how you know: \_\_\_\_\_

7. Dogs that have been abused and neglected are often wary around strangers. Eventually, however, they can learn to trust and love people again.

A. trusting

B. cautious

C. friendly

D. sleepy

Explain how you know: \_\_\_\_\_

8. Sean blew out the candles on his thirteenth birthday cake, thinking about all the changes that would take place in the next decade. He would graduate from high school, get a car, and be in college before he knew it.

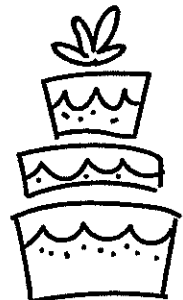
A. hundred years

B. three years

C. one year

D. ten years

Explain how you know: \_\_\_\_\_





# U.S. States & Capitals

Name: \_\_\_\_\_ Date: \_\_\_\_\_



Write the name of the capital for each state.

- |                     |       |                     |       |
|---------------------|-------|---------------------|-------|
| (1) Alabama         | _____ | (2) Alaska          | _____ |
| (3) Arizona         | _____ | (4) Arkansas        | _____ |
| (5) California      | _____ | (6) Colorado        | _____ |
| (7) Connecticut     | _____ | (8) Delaware        | _____ |
| (9) Florida         | _____ | (10) Georgia        | _____ |
| (11) Hawaii         | _____ | (12) Idaho          | _____ |
| (13) Illinois       | _____ | (14) Indiana        | _____ |
| (15) Iowa           | _____ | (16) Kansas         | _____ |
| (17) Kentucky       | _____ | (18) Louisiana      | _____ |
| (19) Maine          | _____ | (20) Maryland       | _____ |
| (21) Massachusetts  | _____ | (22) Michigan       | _____ |
| (23) Minnesota      | _____ | (24) Mississippi    | _____ |
| (25) Missouri       | _____ | (26) Montana        | _____ |
| (27) Nebraska       | _____ | (28) Nevada         | _____ |
| (29) New Hampshire  | _____ | (30) New Jersey     | _____ |
| (31) New Mexico     | _____ | (32) New York       | _____ |
| (33) North Carolina | _____ | (34) North Dakota   | _____ |
| (35) Ohio           | _____ | (36) Oklahoma       | _____ |
| (37) Oregon         | _____ | (38) Pennsylvania   | _____ |
| (39) Rhode Island   | _____ | (40) South Carolina | _____ |
| (41) South Dakota   | _____ | (42) Tennessee      | _____ |
| (43) Texas          | _____ | (44) Utah           | _____ |
| (45) Vermont        | _____ | (46) Virginia       | _____ |
| (47) Washington     | _____ | (48) West Virginia  | _____ |
| (49) Wisconsin      | _____ | (50) Wyoming        | _____ |

Name: \_\_\_\_\_

# States and Abbreviations

Write the abbreviation for each state in the space beside the state's name.

Wyoming \_\_\_\_\_

Alabama \_\_\_\_\_

Delaware \_\_\_\_\_

Florida \_\_\_\_\_

Georgia \_\_\_\_\_

California \_\_\_\_\_

Nevada \_\_\_\_\_

Wisconsin \_\_\_\_\_

Hawaii \_\_\_\_\_

Idaho \_\_\_\_\_

Montana \_\_\_\_\_

Indiana \_\_\_\_\_

West Virginia \_\_\_\_\_

South Dakota \_\_\_\_\_

Iowa \_\_\_\_\_

Arizona \_\_\_\_\_

Kansas \_\_\_\_\_

Oklahoma \_\_\_\_\_

Kentucky \_\_\_\_\_

Louisiana \_\_\_\_\_

New Jersey \_\_\_\_\_

Maryland \_\_\_\_\_

New Hampshire \_\_\_\_\_

Colorado \_\_\_\_\_

North Carolina \_\_\_\_\_

Michigan \_\_\_\_\_

North Dakota \_\_\_\_\_

Alaska \_\_\_\_\_

Ohio \_\_\_\_\_

Connecticut \_\_\_\_\_

Oregon \_\_\_\_\_

Massachusetts \_\_\_\_\_

Rhode Island \_\_\_\_\_

South Carolina \_\_\_\_\_

Maine \_\_\_\_\_

Arkansas \_\_\_\_\_

Tennessee \_\_\_\_\_

Mississippi \_\_\_\_\_

Texas \_\_\_\_\_

Illinois \_\_\_\_\_

New Mexico \_\_\_\_\_

Utah \_\_\_\_\_

Pennsylvania \_\_\_\_\_

Nebraska \_\_\_\_\_

Vermont \_\_\_\_\_

Missouri \_\_\_\_\_

Virginia \_\_\_\_\_

New York \_\_\_\_\_

Washington \_\_\_\_\_

Minnesota \_\_\_\_\_

5th Science - look for a quiz on Google Classroom only if you  
Name: can access this. Thanks ☺

- HAVE YOUR STUDY GUIDE SIGNED BY A PARENT AND BRING IT BACK TO SCHOOL ON THE DAY OF THE TEST

X \_\_\_\_\_  
Parent Signature

Individual	niche	habitat
Ecosystem	population	community

An environment includes all living and nonliving things in an area. A single organism in an environment is called an \_\_\_\_\_. Organisms of the same kind living in the same environment make up a \_\_\_\_\_. All the populations of organisms living together in an environment make up a \_\_\_\_\_. This part of the environment and its physical factors make up an \_\_\_\_\_. Every population lives in a certain part of an ecosystem, known as its \_\_\_\_\_. Within this part of the ecosystem, each population has a certain role, or \_\_\_\_\_.

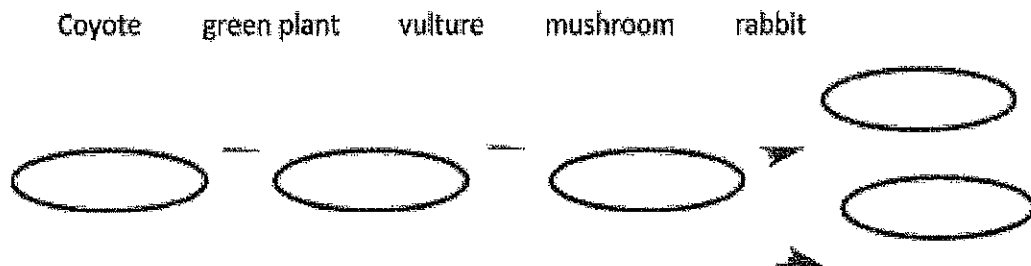
Producers	food chain	decomposers
Consumers	food web	energy pyramid

The sun provides the energy for almost every ecosystem on Earth. All life in an ecosystem depends on \_\_\_\_\_ to capture the energy of the sun, change it into living tissue, and pass it on to other organisms. All other organisms in an ecosystem community must eat to get the energy they need. So the animals in a community are \_\_\_\_\_. A \_\_\_\_\_ shows how consumers in an ecosystem are connected to one another according to what they eat. Plants are usually at the base. First-level consumers, or herbivores, eat the plants. Second-level consumers, or carnivores, eat the herbivores. \_\_\_\_\_, such as mushrooms, worms, and bacteria, break down the tissues of dead organisms. A \_\_\_\_\_ shows the relationships between many food chains within a single ecosystem. An \_\_\_\_\_ shows the amount of energy available to pass from one level of a food chain to the next.

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- 1) A community is made up of many ---
  - a. Populations
  - b. Environment
  - c. niche
  - d. landforms
  
- 2) In a healthy ecosystem, populations of living things are --
  - a. Independent
  - b. Enemies
  - c. interdependent
  - d. large
  
- 3) The types and numbers of animals in an ecosystem are determined by the --
  - a. Types and number of plants
  - b. Types and number of communities
  - c. types and number of individuals
  - d. population density
  
- 4) What do the producers in a community do?
  - a. hunt prey
  - b. decompose organisms
  - c. eat other organisms
  - d. make food
  
- 5) In a food chain, each level of consumer eats organisms --
  - a. from the level above it
  - b. from the level below it
  - c. in the same niche
  - d. in the same population
  
- 6) What percentage of energy at any level of a food chain is passed on to the next higher level?
  - a. about 10 percent
  - b. about 90 percent
  - c. it depends on the population
  - d. it depends on the community
  
- 7) Different organisms can share the same resource, such as a tree, because they have different--
  - a. populations
  - b. niches
  - c. communities
  - d. ecosystems

8) WRITE THE NAME OF THE ORGANISM IN THE APPROPRIATE SPOT WITHIN THE FOOD CHAIN



- 9) The taiga has-
  - a. grasses with long, slender leaves
  - b. pine, fir, and spruce trees
  - c. frozen soil with few plants
  - d. oak, maple, and hickory trees

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10) The floor of the rainforest has little plant life because—

- a. The vines and ferns choke off the other plants
- b. The rainforest gets too much sunlight
- c. Very little sunlight gets through the canopy
- d. Tads and salamanders eat the plants on the forest floor

11) Evergreens are adapted to life in the taiga because they—

- a. Shed needles that form a thick mat on the forest floor
- b. Have a waxy covering over their needles
- c. Grow taller than most deciduous trees
- d. Have roots that spread out near the surface

12) Permafrost is found in the \_\_\_\_\_ biome.

- a. grassland
- b. taiga
- c. tundra
- d. desert

13) The biome with the greatest diversity of life is the –

- a. taiga
- b. grassland
- c. deciduous forest
- d. tropical rain forest

14) Which of the following human activities helps protect ecosystems?

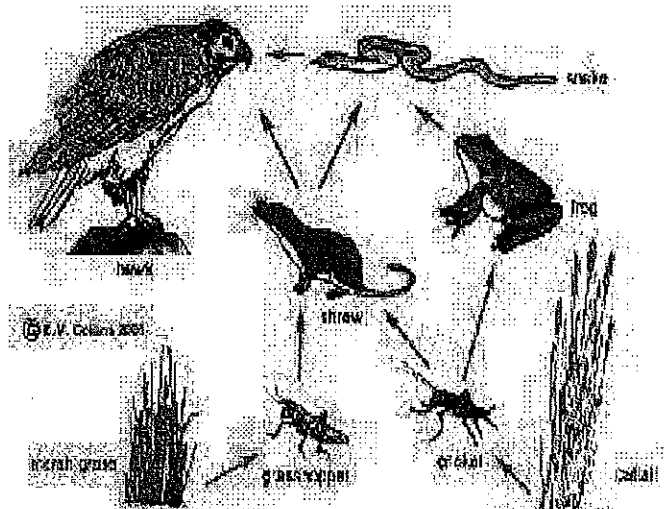
- a. Using less water
- b. Using chemical fertilizers, like DDT
- c. Strip mining for gold
- d. Building shopping malls and houses

15) Which of the following BEST illustrates the direction of energy flow through a food web?

- a. frog to cricket to cattail
- b. Shrew to snake to frog
- c. Grasshopper to shrew to hawk
- d. Grass to cricket to snake

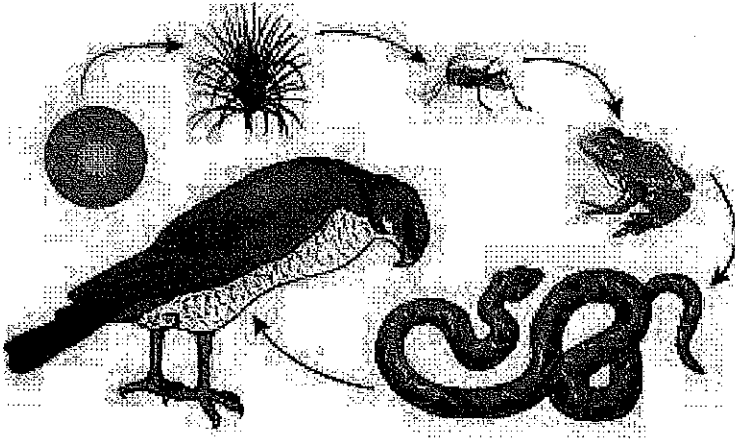
16) Which of the living things on the food web above could be decomposed if they died before being eaten as a food source?

- a. Hawk
- b. Grasshopper
- c. cattail
- d. All of the above



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Look at the food chain picture below to answer the next three questions:



17) Where does the energy for this food chain originate?

- a. grasses
- b. soil
- c. frog
- d. sun

18) What is the secondary consumer in the food chain: \_\_\_\_\_.

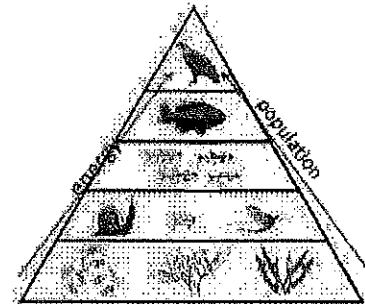
19) What is the tertiary consumer? \_\_\_\_\_.

20) Which would you expect to find more in the ecosystem:

- a. grasses
- b. snakes
- c. frogs
- d. hawks

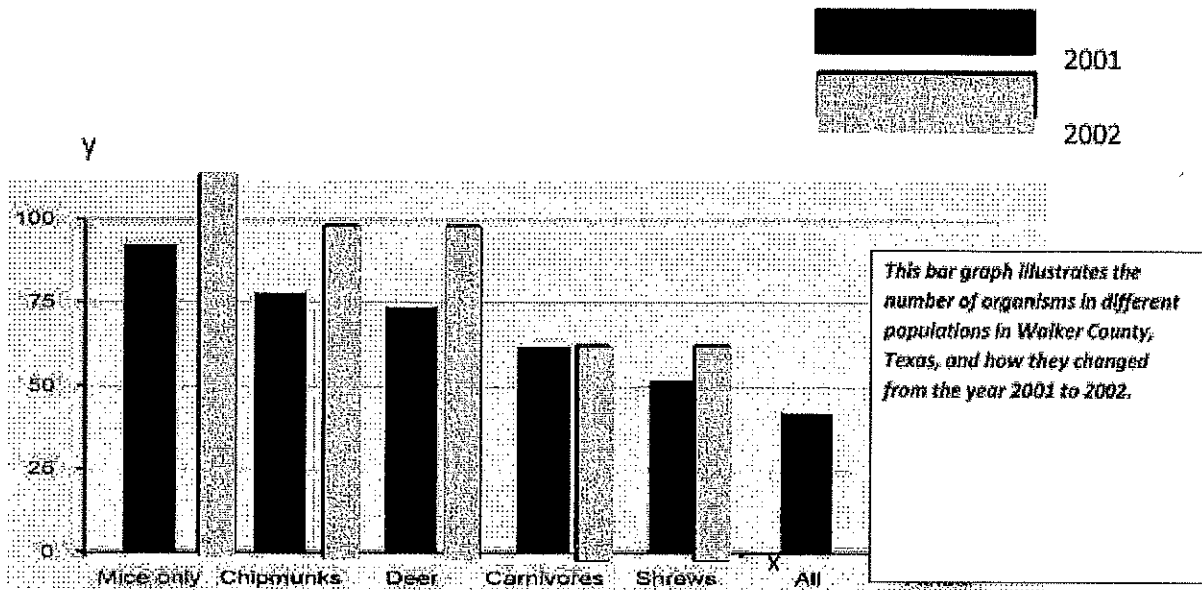
21) An energy pyramid diagram, like the one the right, is a type of model. The function of the arrows in this model to show—

- a. The movement of energy
- b. The movement through the life cycle
- c. The number of organisms in the pyramid
- d. There is no real reason for the arrows





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22) What would be a reasonable explanation for the increase in the deer in the area?

- a) The amount of producers decreased.
- b) The amount of producers increased.
- c) The number of shrews was unchanged.
- d) The number of log houses built increased.

23) When looking at the graph, you can notice that the organisms were measured by local scientists in the area. Using what you know from the graph and your understanding of science and ecosystems, why should there be more plants in an area than animals?

- a) Animals need multiple plants to eat so they can survive.
- b) Animals are bigger and take up more space.
- c) Animals are all social and need their space to communicate.
- d) Animals have the ability to move, unlike plants, so they need more space.

24) What would be a good label for the "y-axis" on the graph? \_\_\_\_\_

25) What would a good title for the entire graph be?  
\_\_\_\_\_



# Unit 9 Test Review

1. What do you call an organism that only eats plants?

- (A) carnivore
- (B) omnivore
- (C) herbivore

2. What is at the base or bottom of every food chain or food web?

- (A) first level consumers
- (B) producers
- (C) second level consumers

3. A group of individuals of the same kind make up a -

- (A) community
- (B) population
- (C) ecosystem

4. All the different populations make up a -

- (A) community
- (B) city
- (C) ecosystem

5. Organisms that break down dead material to return the nutrients to the soil are called -

- (A) consumers
- (B) producers
- (C) decomposers

6. Where does all energy START????

- (A) the moon
- (B) plants
- (C) the sun

**7.** What can be decomposed if it dies without being eaten

- (A) only plants
- (B) only animals
- (C) both plants and animals

**8.** What gas do plants need in order to do photosynthesis?

- (A) oxygen
- (B) nitrogen
- (C) carbon dioxide

**9.** What determines the types and numbers of animals in an ecosystem?

- (A) types and number of plants
- (B) types and number of individuals
- (C) population density

**10.** An ecosystem is made up of a community and its -

- (A) niches
- (B) populations
- (C) environments

**11.** Which biome has evergreen trees?

- (A) tundra
- (B) tiaga
- (C) deciduous forest

**12.** Which biome has a layer of permafrost?

- (A) tropical rain forest
- (B) tundra
- (C) tiaga

**13.** In which biome do the trees have leaves that turn colors and fall off in the fall?

- (A) deciduous forest
- (B) tiaga
- (C) desert

**14.** What is the number one cause of damage to an ecosystem?

- (A) fires
- (B) hurricanes
- (C) humans

**15.** What percentage of energy is passed on in a food chain?

- (A) 100%
- (B) 50%
- (C) 10%

**16.** Which biome has only a few trees near streams and rivers?

- (A) desert
- (B) grasslands
- (C) tiaga

**17.** What gas do humans provide to plants?

- (A) oxygen
- (B) nitrogen
- (C) carbon dioxide

**18.** What gas do plants provide to humans?

- (A) oxygen
- (B) nitrogen
- (C) carbon dioxide

**19.** We depend on both living and non-living things in order to survive

- (T) True
- (F) False

**20.** Ecosystems are only made of living things

- (T) True
- (F) False

**21.** An increase in grass could mean an increase in the number of herbivores in an area

True

False

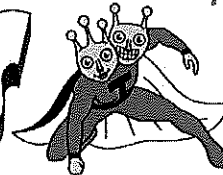
**22.** Both plants and animals are considered organisms

True

False



# SUPERSHEETS



**HERO:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

Use the table to answer questions 1 and 2.

Marisol has three containers with different types of juice. The table shows the volume of juice in each container.

Marisol's Juice

Juice	Volume (L)
Apple	0.758
Grape	0.739
Orange	1.04

- 1** Which list shows the juices in order from least to greatest volume in liters?
- A** Apple, Grape, Orange  
**B** Orange, Apple, Grape  
**C** Grape, Apple, Orange  
**D** Orange, Grape, Apple
- 2** What is the volume of the apple juice rounded to the nearest hundredth?
- F** 0.75  
**G** 0.76  
**H** 0.80  
**J** 0.85

- 3** Which comparison is NOT true?

- A**  $7.482 > 7.396$   
**B**  $4.793 < 4.8$   
**C**  $2.573 < 2.64$   
**D**  $8.629 > 8.71$

- 4** Mrs. Graham's house payment was two thousand, four hundred seven dollars and thirty-eight cents. How is this number written in expanded notation?

- F**  $(2 \times 1,000) + (4 \times 100) + (7 \times 1) + (3 \times 0.01) + (8 \times 0.001)$   
**G**  $(2 \times 1,000) + (4 \times 100) + (7 \times 10) + (3 \times 1) + (8 \times 0.1)$   
**H**  $(2 \times 1,000) + (4 \times 100) + (7 \times 1) + (3 \times 0.1) + (8 \times 0.01)$   
**J**  $(2 \times 1,000) + (4 \times 10) + (7 \times 1) + (3 \times 0.01) + (8 \times 0.01)$





# SUPERSHEETS



Use the table to answer questions 5 and 6.

The table shows the length of four great white sharks.

Great White Shark Lengths

Shark	R	S	T	U
Length (feet)	21.35	21.5	21.09	21.4

5 Which inequality correctly compares two of these shark lengths?

- A**  $21.09 > 21.5$       **B**  $21.35 < 21.4$       **C**  $21.35 < 21.09$       **D**  $21.4 > 21.5$

6 If these sharks are ordered from shortest to longest, which shark will be in the third position?

- F** Shark R      **G** Shark S      **H** Shark T      **J** Shark U

7 Which list shows the numbers NOT in order from least to greatest?

- A**  $3.056 < 3.07 < 3.1 < 3.102$   
**B**  $7.08 < 7.1 < 7.403 < 7.5$   
**C**  $8.64 < 8.7 < 8.632 < 8.795$   
**D**  $4.216 < 4.23 < 4.309 < 4.4$

8 In a science experiment, Ray compared the mass of two stones.

$$26.78 \text{ g} \quad \square \quad 26.078 \text{ g}$$

Which symbol makes the comparison true?

- F**  $>$       **G**  $<$       **H**  $=$       **J**  $+$

9 Lindsay compared the values of these decimals.

$$0.3 \quad 0.003 \quad 0.03 \quad 0.030$$

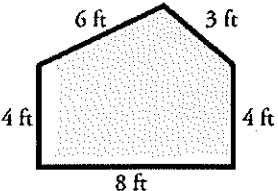
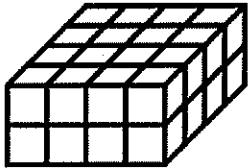
Which statement correctly compares two of these numbers?

- A**  $0.003 = 0.030$       **B**  $0.3 < 0.03$       **C**  $0.03 < 0.003$       **D**  $0.3 > 0.030$



Name: \_\_\_\_\_ HR Teacher: \_\_\_\_\_

Weekly Math Homework - 20 Due: March 20<sup>th</sup> or upon return to school

Monday	Tuesday
Find the product.  $\begin{array}{r} 588 \\ \times 40 \\ \hline \end{array}$	Find the product.  $8.9 \times 15$
Find the quotient.  $11 \overline{)1650}$	Find the quotient.  $15 \overline{)82.50}$
Find the product and simplify if needed.  $\frac{3}{5} \times 8$	Find the quotient and simplify if needed. (Hint: Keep Change Flip)  $\frac{1}{5} \div 3$
Find the perimeter of the figure.   Perimeter= _____	Find the volume of the rectangular prism.   Volume= _____
A hamburger at Bob's Burger Shack costs \$7.95. A steak sandwich costs \$8.95. If Mrs. King buys 4 hamburgers, how much will she pay?	Mr. Chavez paid \$14.32 total for 8 protein bars. If each protein bar cost the same amount, how much did one protein bar cost?

What do they call a hen that can count her eggs?

## Wednesday

Find the sum. Simplify if needed.  
(Hint: Find a common denominator)

$$\frac{4}{9} + \frac{1}{2}$$

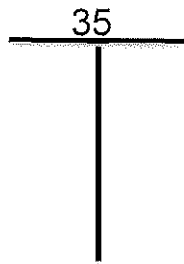
Simplify the expression using PEMDAS.

$$[(3 \times 9) + 3] \div 3$$

Order the numbers from least to greatest.

0.946, 0.502, 1.42

Find the factors. Prime or Composite?



## Thursday

Find the difference. Simplify if needed.  
(Hint: Find a common denominator)

$$\frac{3}{4} - \frac{1}{3}$$

Round to the **tenths** place.

12.75

Simplify the fractions.

$$\frac{5}{10} = \underline{\hspace{2cm}}$$

$$\frac{8}{12} = \underline{\hspace{2cm}}$$

Compare the decimals using  $<$ ,  $>$ , or  $=$ .

10.75  $\underline{\hspace{1cm}}$  10.8

6.875  $\underline{\hspace{1cm}}$  6.9

A bakery made 1,500 muffins last month. The employees put them all in boxes before selling them. If they put a dozen muffins in each box, how many boxes did they fill?

There are 56 sections of seats in Bryant Stadium. Each section has 436 seats. What is the total number of seats in Bryant Stadium?