

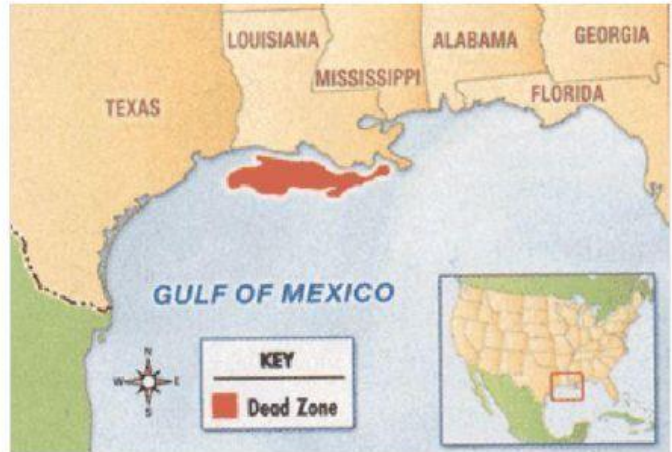
## Reading Homework:

# Dead Zone

Adapted from [www.readworks.org](http://www.readworks.org)

Each summer, a "dead zone" creeps across the waters of the Gulf of Mexico off the Texas coast. It's as scary as it sounds--if you're a fish. Spreading 5,000 square miles into the Gulf, the **region** is empty of life.

What causes the zone of death? **Pollution**. Fertilizer from farms across the Midwest wash into the Mississippi River and flow into the Gulf of Mexico. The fertilizers feed tiny floating algae, organisms that make their own food using energy from the sun, as plants do. Huge blooms of algae **erupt** and use up all the oxygen in the water--oxygen that other sea creatures need to survive.



The Gulf's dead zone has appeared every summer for the last 30 years. A few years ago, however, scientists think the dead zone might have been responsible for shark attacks along Texas beaches. Scientists think the sharks came into shallow waters near the edge of the dead zone in search of food.

In the shallows, the toothy fish came in contact with human swimmers in the wrong place at the wrong time.

1. What do sea creatures depend on in the water in order to live?

a. sharks	b. oxygen
c. fertilizer	d. algae

2. According to the passage, which of the following causes the pollution in the dead zone?

a. a lack of oxygen in the water	b. fertilizer from farms
c. swimmers	d. sharks near the shore

3. You can conclude that if the dead zone didn't occur, then

a. sharks might not have swum near beaches	b. fish would stay clear of the area
c. fewer people would use the beaches	d. There would be more algae in water

4. Read the following sentence from the passage: "Scientists think the sharks came into shallow waters near the edge of the dead zone in search of food." In this sentence, the word **shallow** means

a. thin	b. hot
c. windy	d. not deep

5. The purpose of this passage is to

a. warn readers about shark attacks	b. teach people not to pollute water
c. describe what the dead zone is	d. encourage people to protect fish

## Writing Homework:

Directions: Identify the preposition in the following sentences.

1.) We picked the flowers off the ground.

a. flowers	b. off
c. the	d. ground

2.) The gift was from my brother.

a. the	b. gift
c. was	d. from

3.) Can you buy me a gift for my birthday please?

a. for	b. my
c. birthday	d. please

4.) We have always lived with a lot of pets.

a. with	b. a lot
c. of	d. pets

5.) My grandmother is originally from Ireland.

a. is	b. originally
c. from	d. Ireland

**Prepositions** tell us  
where or when  
something is.

**Common prepositions:**  
at, above, before,  
to, in, from.

## Math Homework:

1. Which shows these fractions ordered from greatest to least ?

$$\frac{3}{6}, \frac{4}{3}, \frac{5}{8}$$

a.  $\frac{3}{6}, \frac{5}{8}, \frac{4}{3}$

b.  $\frac{4}{3}, \frac{5}{8}, \frac{3}{6}$

c.  $\frac{5}{8}, \frac{3}{6}, \frac{4}{3}$

d.  $\frac{4}{3}, \frac{3}{6}, \frac{5}{8}$

2. Solve for the sum of  $\frac{1}{2}$  and  $\frac{4}{5}$ . \*Remember all answers must be in simplest form - look at your notes\*

a.  $1 \frac{1}{2}$

b.  $\frac{5}{7}$

c.  $\frac{3}{10}$

d.  $1 \frac{3}{10}$

3. If 16 ounces = 1 pound, how many pounds are equivalent to 112 ounces?

4. Which characteristics do the figures have in common?



Four right angles

Four congruent sides

Four congruent angles

Exactly 1 pair of parallel sides

Opposite sides are parallel

Sides composed of line segments

5. Here are some clues about a figure.

- It has exactly 6 faces.
- It has exactly 8 vertices.
- It has exactly 12 edges.
- Face shape is square.

Which could be the figure described by these clues?

a. Cone	b. Rectangular Prism
c. Square Pyramid	d. Cube

6. Determine which fraction is equivalent.



## Virginia Studies Homework:

[illegible]

People have moved to Virginia from across the United States and around the world. Virginia's population has become more \_\_\_\_\_.

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20<sup>th</sup> Century Virginia

The U.S. Constitution was amended  
in 1920 to:

lower the voting age to 14

give women the right to vote

allow states to use computers  
to count votes

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## Science Homework:

#10 CHISTON IS WORKING ON A WEATHER PROJECT. HE NEEDS TO RESEARCH HOW WIND SPEEDS CHANGE EACH WEEK. WHICH WEATHER INSTRUMENT SHOULD HE USE?

Anemometer



Thermometer



Rain Gauge



Barometer



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#14 WHICH IMAGES SHOW A TORNADO?



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