

Bingo: Composition of the Oceans

Directions: Answer each true or false question below .

Questions

1. True or False: The salinity of ocean water is about 35 percent.
2. True or False: The most common dissolved solid in seawater is sodium chloride.
3. True or False: Ocean water salinity is highest at the poles.
4. True or False: The ocean contains only dissolved solids and not any dissolved gases.
5. True or False: As the ocean gets warmer, it sends more gas back to the atmosphere.
6. True or False: Human-caused input of more carbon dioxide in the atmosphere leads to more carbon dioxide in the oceans.
7. True or False: Ocean water is layered based on its temperature with depth.
8. True or False: Ocean water is coldest at the surface.
9. True or False: The deep ocean water is less dense than the surface water.
10. True or False: Ocean water has the same density as pure water because water always has the same properties.

Answers

1. False

Feedback: The salinity of ocean water is about 3.5 percent.

2. True

Feedback: The most common dissolved solid in seawater is sodium chloride.

3. False

Feedback: Ocean water salinity is highest in the tropics and subtropics where evaporation is high.

4. False

Feedback: The ocean contains the same principle gases that the atmosphere contains.

5. True

Feedback: As the ocean gets warmer, it sends more gas back to the atmosphere.

6. True

Feedback: Human-caused input of more carbon dioxide in the atmosphere leads to more carbon dioxide in the oceans.

7. True

Feedback: Ocean water is layered based on its temperature with depth.

8. False

Feedback: Ocean water is warmest at the surface.

9. False

Feedback: The deep ocean water is colder and denser than the surface water.

10. False

Feedback: Ocean water is denser than pure water because it contains dissolved solids.