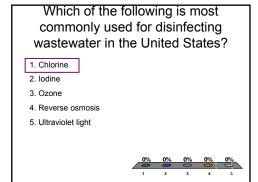
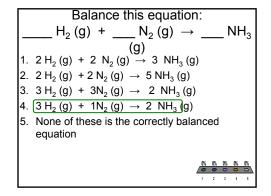
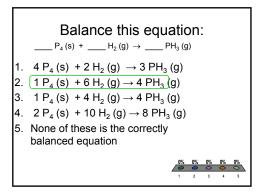
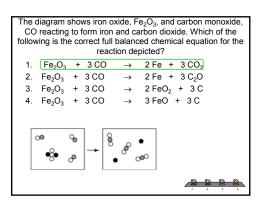
Soap attracts "grime" by which type of molecular interaction? 1. ion-polar molecule. 2. ion-nonpolar molecule. 3. hydrogen bonding. 4. nonpolar molecule—nonpolar molecule. 5. none of these choices.



Which of the following is not a method of disinfecting drinking water?
1. Aeration 2. Boiling 3. Chlorine gas 4. Distillation
5. lodine tablets 9% 9% 9% 9% 9% 9% 1 2 3 4 5







How many moles of oxygen, O₂, can be produced from two moles of KClO₃?
2 KClO₃ → 2 KCl + 3 O₂

1. 1 mole
2. 1.5 moles
3. 2 moles
4. 3 moles

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A friend argues that if mass were really conserved, he would never need to refill his gas tank. What explanation do you offer your friend?

1. The Law of Conservation of Mass does not apply to reactions involving combustion or explosion of matter.

2. The oil companies make gasoline in a way that it gets used up so that we are always required to replenish it.

3. The atoms (mass) of gasoline are converted into energy by the engine according to E = mc².

4. The atoms (mass) of gasoline are converted into exhaust fumes.