

Answer Key

Each question is worth 5 points each.

1. Ice impels planes by deforming the shape and aerodynamics of the wings.
2. Propylene Glycol can reduce the freezing point of moisture on surfaces to what degree?
-60F
3. Where is the fastest ice in the world?
Utah Olympic Oval in Salt Lake City
4. How many G Forces can an athlete experience?
4 to 5
5. How long do the cans stay in the dip tank?
Approximately 60 seconds
6. How cold is dry ice?
109F below 0F
7. How many gallons of water would there be if melted the ice found at Mars's poles?
12,000 quadrillion gallons
8. What does the word "clathrate" mean?
Cage
9. Clathrates produce methane 23 times more potent than carbon.