**Disappearing Polar Ice**

Multiple Choice

1. Recall how polar ice caps can have a cooling effect.
2. They absorb heat from the atmosphere.
3. They act like giant ice cubes.
4. They reflect light from the Sun.
5. They clog up the polar volcanoes.
6. State how polar ice formation contributes to the global conveyer belt.
7. Polar ice formation increases the height of the water.
8. Polar ice formation increases the temperature of the water.
9. Polar ice formation increases the density of the water.
10. Polar ice does not contribute to the global conveyer belt.
11. State what is happening to the minimum Arctic sea ice every year.

Note: The minimum sea ice is how much ice is left after each seasonal melting.

1. It's getting bigger.
2. It's getting smaller.
3. It's staying the same size.
4. It's fluctuating wildly.
5. List the main factors contributing to rising sea levels.

Select two options.

Select ALL correct options

1. Melting sea ice
2. Melting land ice
3. Warm water expands
4. Cold water expands
5. Recall what thermal expansion is.
6. The expansion of water under high pressure.
7. The expansion of water under low pressure.
8. The expansion of water as it heats up.
9. The expansion of water as it cools down.
10. State why melting land ice contribute to rising sea levels, but melting sea ice does not.
11. Sea ice is made from salt water, not fresh water.
12. Land ice is heavier than sea ice.
13. Sea ice is already contributing to the sea level.
14. Land ice is full of frozen land sharks.
15. Recall how increasing sea levels affect humans.
16. By destroying our shipping industry.
17. By forcing us out of coastal cities.
18. By bringing sharks to our doorstep.
19. It won't, we're indestructible.
20. List the two main ways polar ice influences the climate.

Select two options.

Select ALL correct options

1. Providing dense salty water to drive the global conveyer belt.
2. Reflecting sunlight, which has a cooling effect.
3. Cooling the surrounding water, like ice cubes.
4. Storing salt water for extended periods of time.
5. Select what is expected to happen to the global conveyer belt as the production of sea ice slows down.
6. It will speed up
7. It will stay the same
8. It will slow down
9. It will fluctuate randomly.
10. Describe how polar ice has a cooling effect.
11. By creating cold global winds.
12. By reflecting the heat from the sun.
13. By trapping warm air between snow layers.
14. By being ice, which is very cold.
15. Select whether the following statement is true or false:

Melting sea ice contributes to rising sea levels.

1. True
2. False
3. Name the two main forms of land ice.

Select two options

Select ALL correct options

1. Ice cream
2. Ice sheets
3. Snowy mountains
4. Glaciers
5. Hoar frost
6. Canada
7. In the past, humans survived rising sea levels by moving inland.

Recall why that would be much more difficult if sea levels rise again.

1. We have coastal cities, which we can't just move inland.
2. We have boats, which are designed for a specific sea level.
3. We have electronics, which will short circuit in water.
4. We have a high population, there just isn't enough room.