

0 Question: 3 bergs

A1: The water level will get higher on the third one and the first and second remain the same.

A2: The water level in the first two tubs stays the same and in the third gets lower.

Arguments for A1

5 Question: Will the water level decrease if the metal in an ice cube was originally really hot or cold before we froze the metal?

A1: no

A2: no

7 Question: If we place the metal differently will it affect the water level?

A1: no

A2: not unless we remove the metal from the tub.

8 Question: What will happen if we put the ice cube with the spike at the top and what will happen at the bottom?

A1: Yes, because it's heavy

A2: The water level won't change.

Arguments for A2

1 Question: Does the volume of water decrease when goes from a solid form to a liquid form?

A1: yes

A2: yes

3 Question: If I move the metal so it's sticking out of the ice cube or no longer in the ice cube, will that change the answer?

A1: yes

A2: no

4 Question: Do the first two questions imply the answer is what I claim?

A1: no

A2: yes