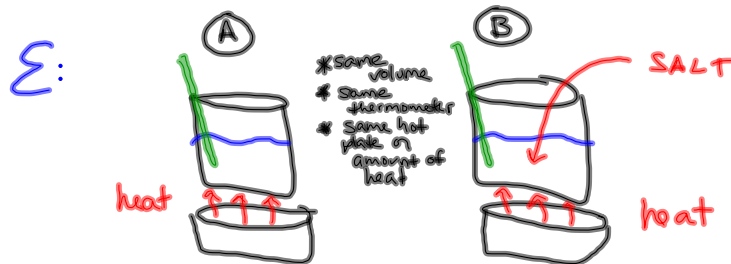


Q: Do saltwater and freshwater boil at the same temp?

H: I think that freshwater will boil at a higher temp. than saltwater.



- ① Get 2 samples of water: A- freshwater
B- saltwater
- ② Heat samples until they boil
- ③ Record the temp at the boiling point

Independent Variable: Salt

Dependent Variable: temperature at boiling pt.

Results:

| | <u>B.P. of freshwater</u> | <u>B.P. of saltwater</u> |
|-----|-------------------------------|------------------------------|
| 1 : | 99.9°C | 99.7°C |
| 2 : | 99.5°C | 98.0°C |
| 3 : | 100°C | 100°C |
| 4 : | 98.9°C | 98.9°C |
| | <u>99.35°C</u> | <u>99.15°C</u> |
| | 99.4°C | 99.2°C |

Conc. We found that FW boils at a slightly higher temp than SW

