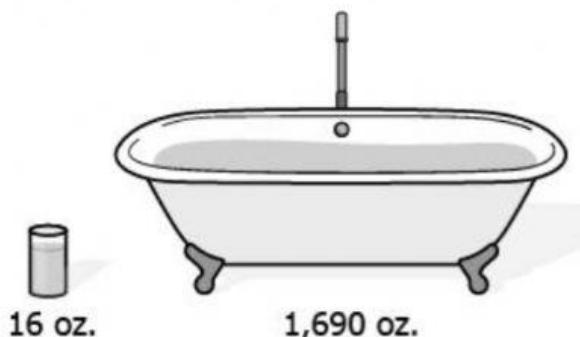


45. Which are sources of chemical energy (pick all that apply)? (Blender, Batteries, Food, Fuel)

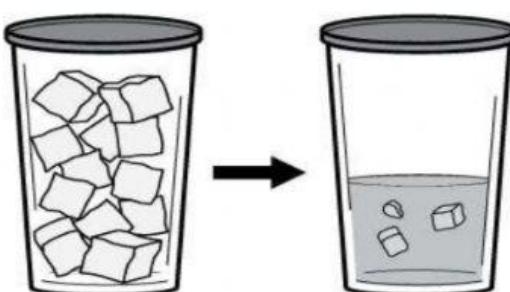
46.



The figure above shows a glass and bathtub full of water at the same temperature of 33° C. What statement correctly describes the amount of thermal energy in the glass and bathtub?

- The thermal energy of both the glass and bathtub full of water is 33° C.**
- The bathtub full of water has more thermal energy than the glass of water.**
- The thermal energy of both the glass and bathtub full of water is 66° C.**
- The glass of water has more thermal energy than the bathtub full of water.**

47.

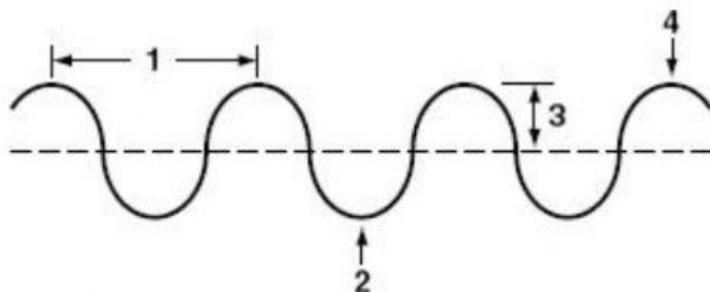


After the phase change has the mass has
(increased, decreased, remained the same,
changed the temperature)

48. Drag and drop to label the wave.

wavelength
crest

trough
amplitude



49. All of the following are mechanical waves EXCEPT—

(water waves, earthquake waves, light waves, sound waves)

50. The number of wavelengths that pass a given point per second is

(speed, frequency, resonance, amplitude)