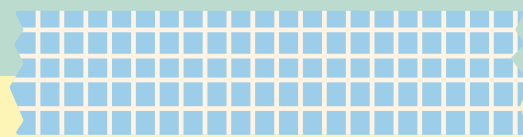
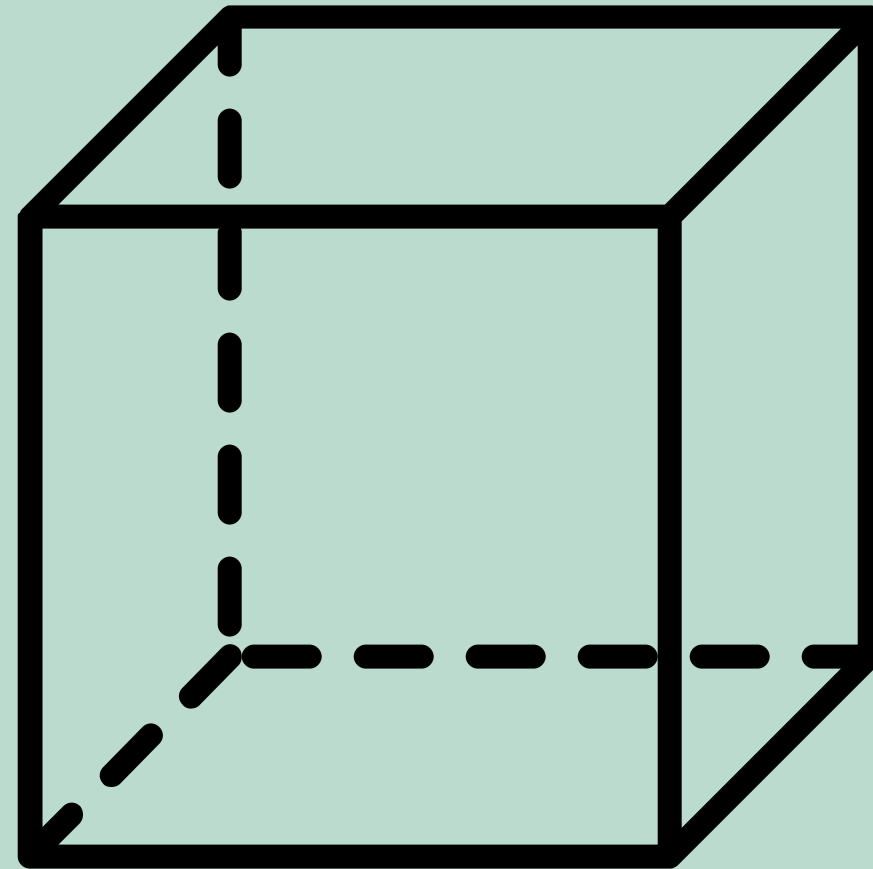
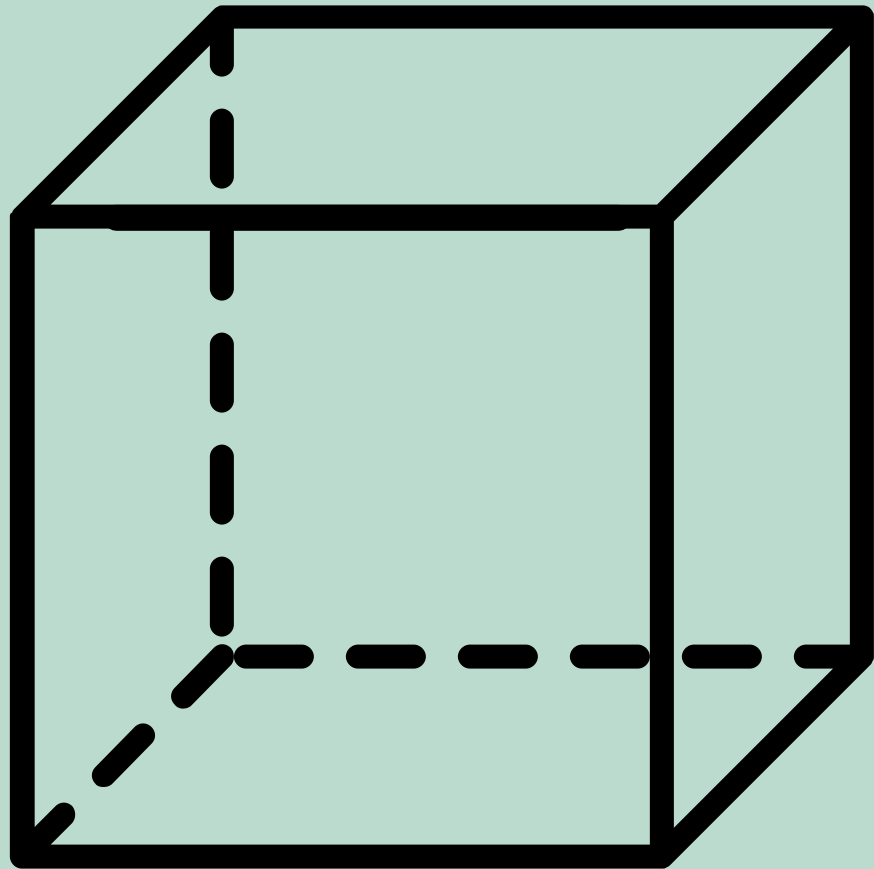


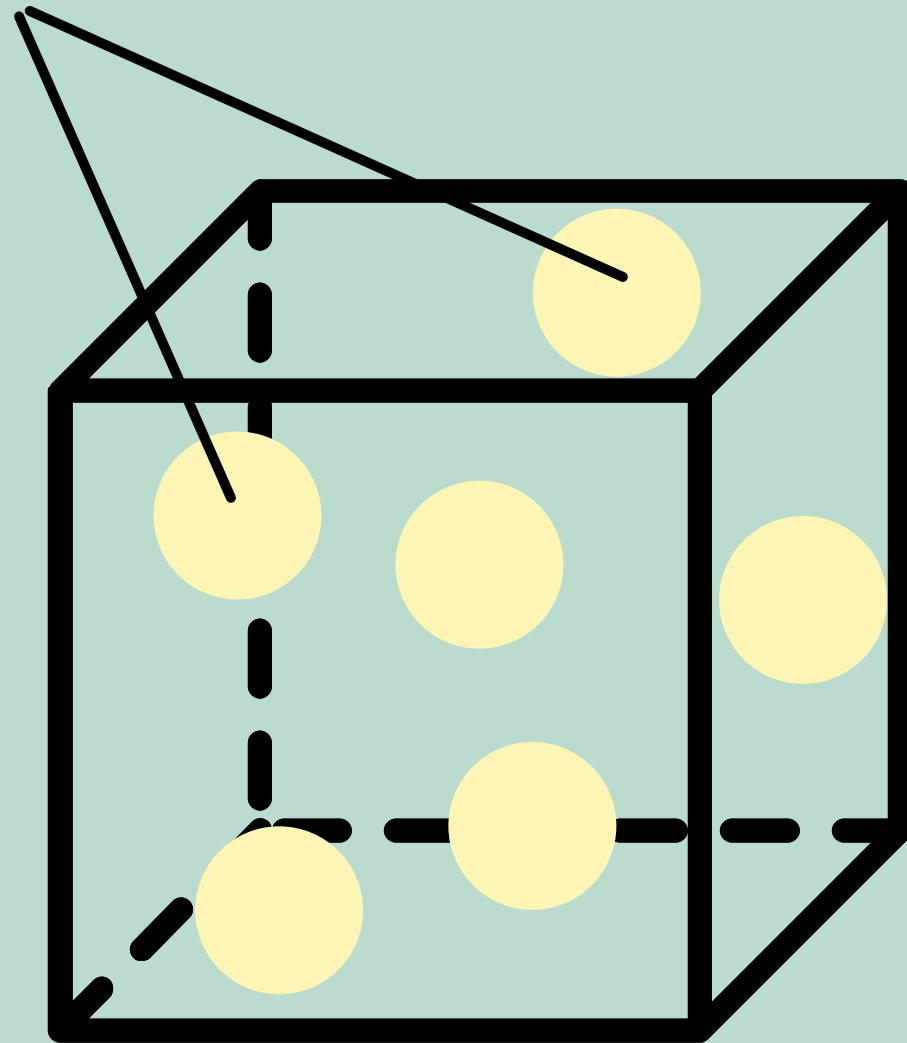
# TWO BOXES



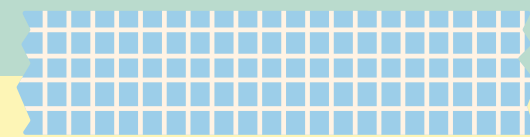
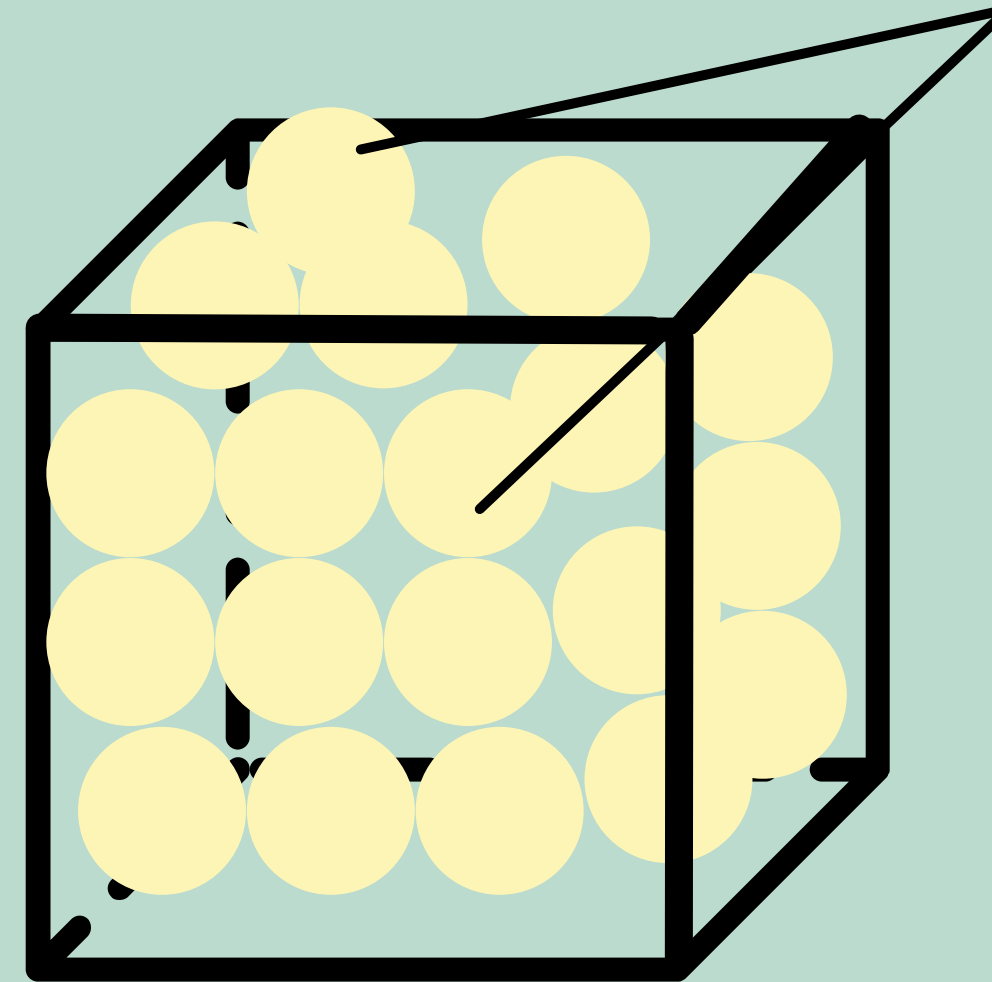
Same size, same volume  
(If you pour water into both boxes, they will have  
the same amount of water.)

# TWO BOXES

*molecules*



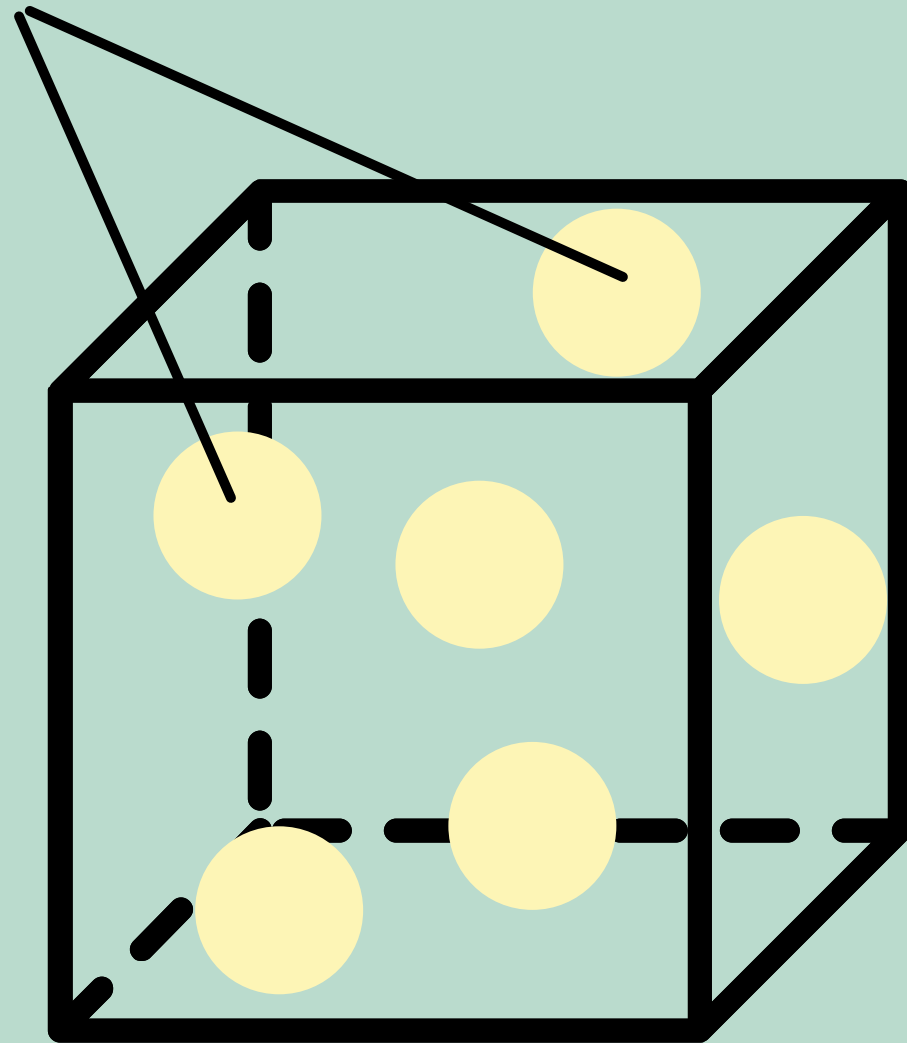
*molecules*



Same size, same volume,  
**different amount of matter**

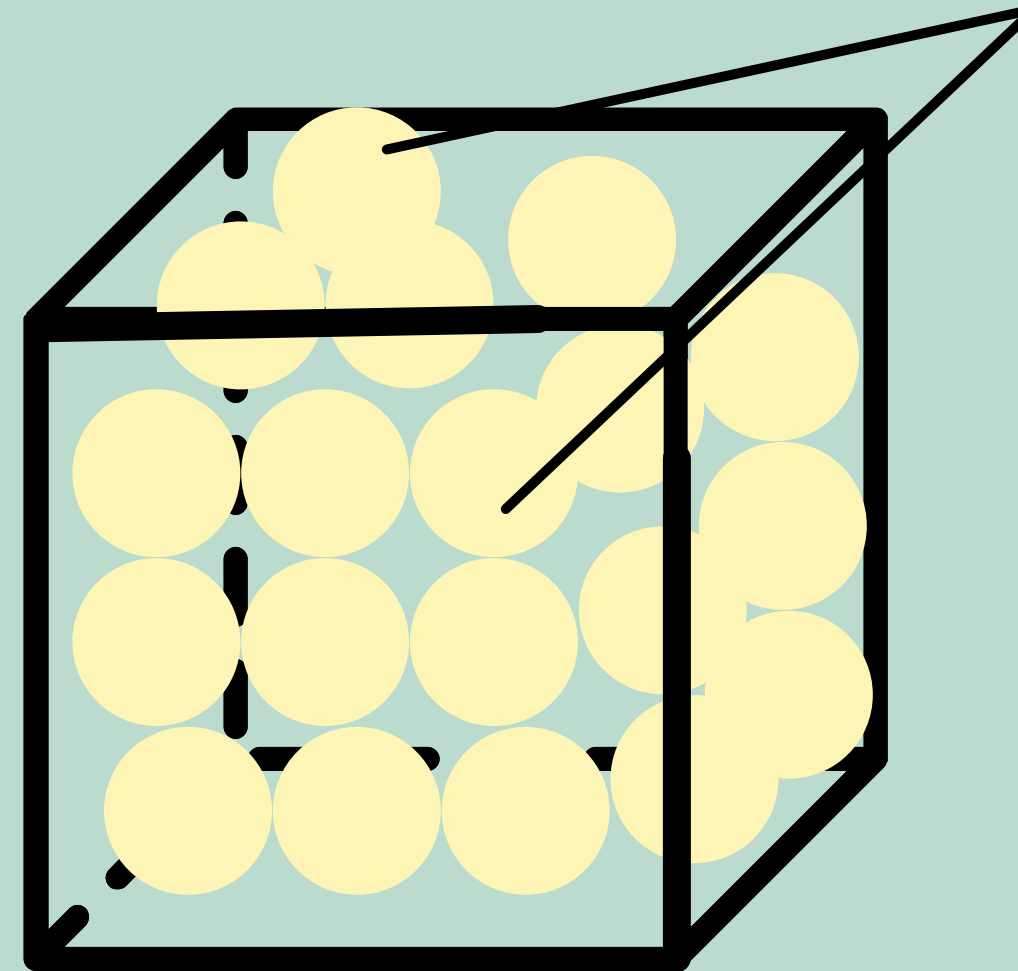
# TWO BOXES

*molecules*



Low density

*molecules*

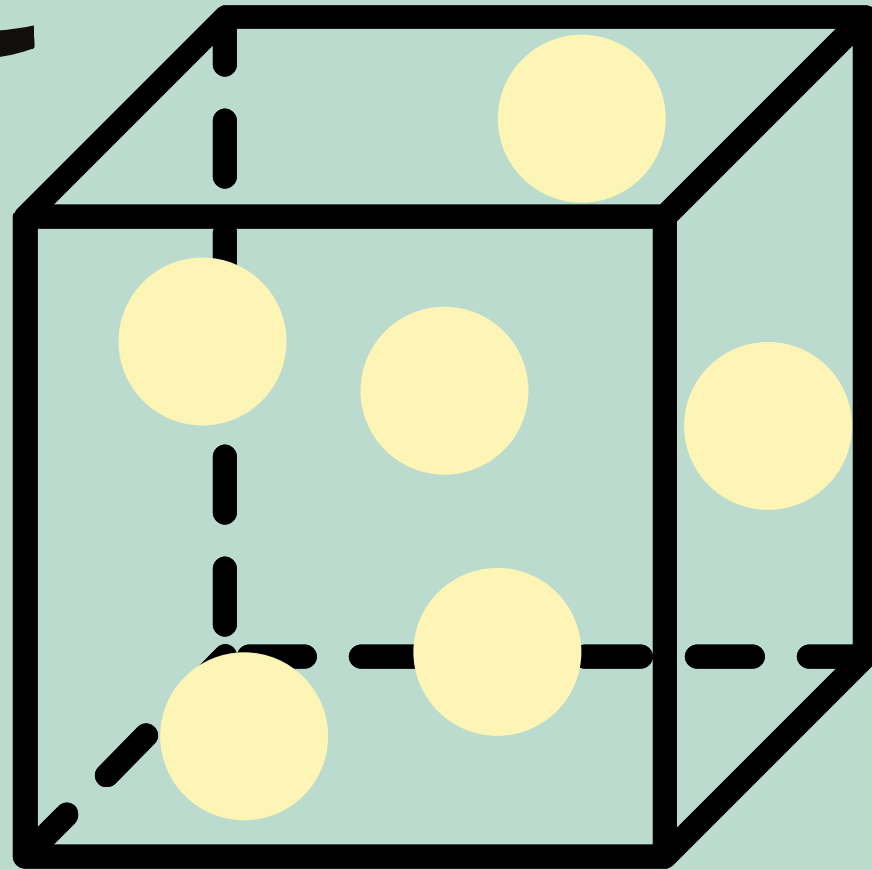


High density

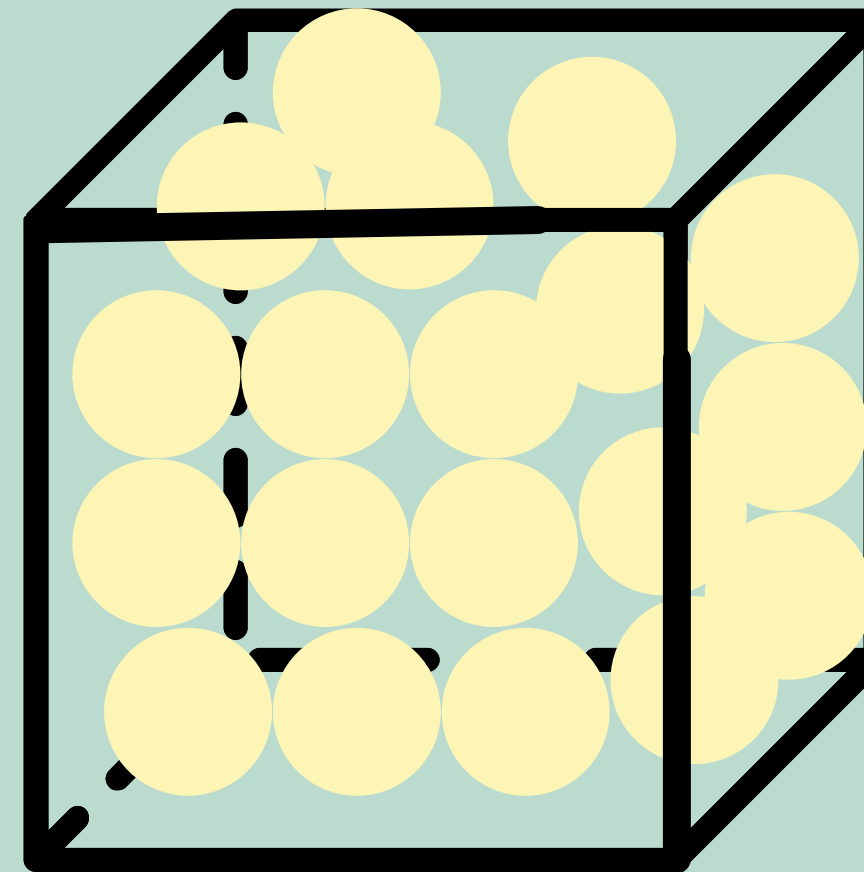
I have *lower* density than the other box.

# TWO BOXES

I have *higher* density than the other box.



Low density



High density