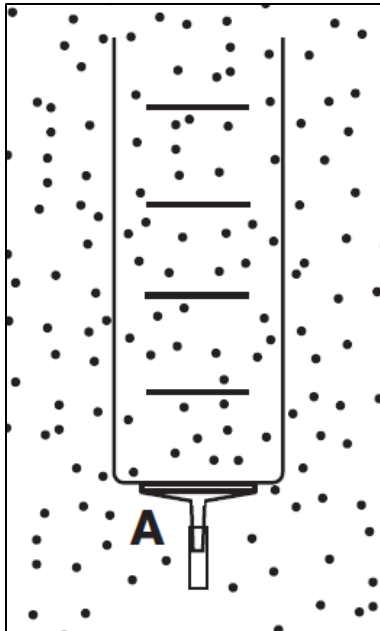
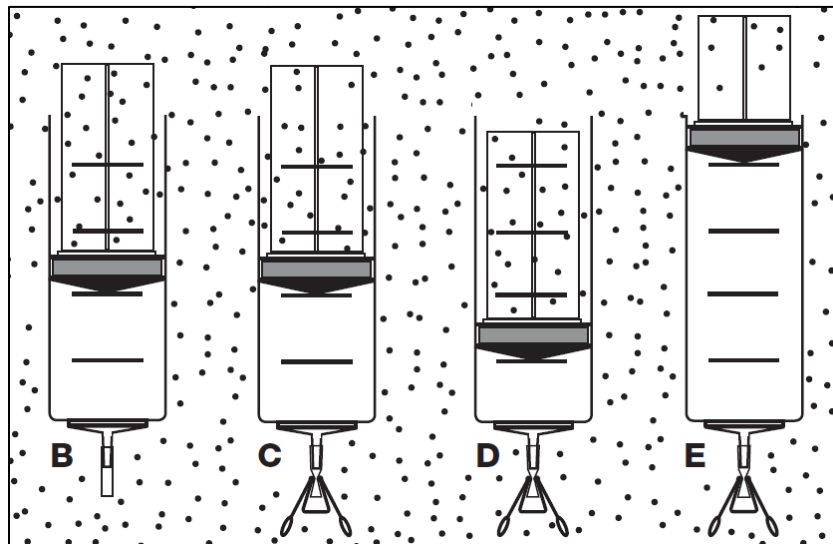


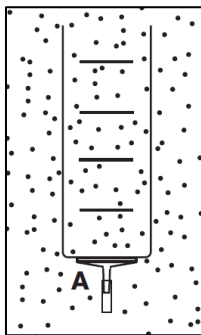
M3.1 Foss Chemistry 3: Air In A Syringe Activity

Directions: Draw air particles in syringes B–E. Then answer the questions using complete sentences and proper grammar.



- A student had a syringe barrel. She drew a picture (A) of her idea of how air filled the room and the syringe.
- She put the plunger into the barrel (B) and then clamped the syringe shut (C).
- She pushed the plunger down (D) and pulled the plunger up (E).





1. Why did you draw the *particles* in syringe B the way you did?

2. Why did you draw the *particles* in syringe C the way you did?

3. Why did you draw the particles in syringe D the way you did?

4. Why did you draw the particles in syringe E the way you did?

5. What happens to the *air particles* when air expands¹?

6. What happens to the *air particles* when air is compressed²?

¹ become or make larger or more extensive.

² flatten by pressure; squeeze; press.