

NAME:

1. What are the *three main requirements* (“*what do you need*”) for cloud formation?

2. Refer to Slide #9 of Classwork #17. List the typical sizes of:
 - a. *cloud condensation nuclei* _____
 - b. *cloud forming moisture droplets* _____
 - c. *raindrops* _____

3. *How many times bigger are cloud forming moisture droplets than cloud condensation nuclei? Draw a picture (to scale!) of such a moisture droplet with a condensation nucleus inside it to illustrate your answer.*

4. *How many times bigger are typical raindrops than cloud forming moisture droplets? Draw a picture (to scale!) of such a raindrop next to a moisture droplet to illustrate your answer.*