

QOD 08/31: What does it mean to be a scientist?

QOD 09/01: List 5 things you learned about yesterday's presentations.

QOD 09/02: Name one important lab safety rule from yesterday and describe it.

QOD 09/03: What is the difference between an observation and inference?

QOD 09/04: What is a hypothesis?

QOD 09/08: What measuring system is used in science?

QOD 09/09: What kind of qualitative data did you collect in the gummy bear lab?

QOD 09/10: What is the difference between an independent and dependent variable?

QOD 09/11: What does DRY MIX stand for?

QOD 09/15: What are the four layers of the atmosphere?

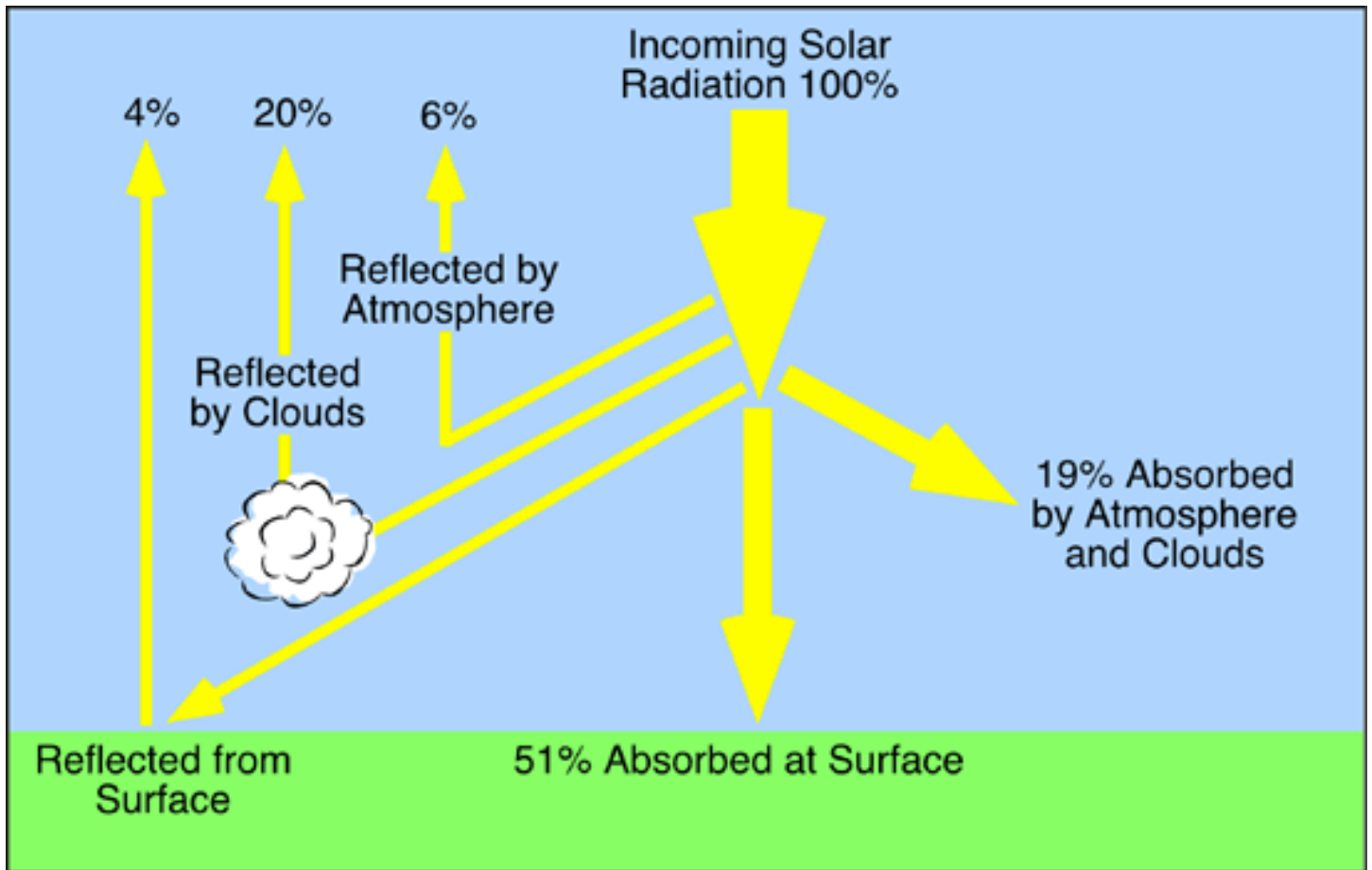
QOD 09/16: Which of the atmospheric layers is most important to you and why?

QOD 09/17:

Which location would have the highest atmospheric pressure?

- a) Lexington, KY – 1000 feet above sea level
- b) Georgetown, KY – 846 feet above sea level
- c) Harlan, KY – 1,191 feet above sea level
- d) Elizabethtown, KY – 731 feet above sea level
- e) Louisville, KY – 466 feet above sea level

QOD 09/18: What two things happen to solar radiation that reaches Earth?



QOD 09/21:

What happens when you hold a chocolate bar in your hand? Which type of heat transfer is this?



QOD 09/22:

The full effect of the greenhouse effect can be seen on the planet Venus. The atmosphere of Venus consists of 96% carbon dioxide, 3.5% nitrogen, with the remaining amount, less than 1%, other gases. The carbon dioxide atmosphere has allowed the temperature of the surface to exceed 900°F (482°C). Why?

