Name		Class	Date
Lesson PART A	is humidity? Review Match each term in Column B with its det t letter in the space provided.	escription in Column A	. Write
the conec	Column A		Column B
		a	. capacity
	_ 2. affects air's capacity for holding w	vater b	. humidity
	_ 3. does not change with temperature	e or pressure c	. saturated
	_ 4. amount of material something car	n hold d	. specific humidity
	_ 5. amount of water vapor in the air	e	. temperature
water vap	Circle the phrase in each pair that descrior. air, cold air 2. air at 18°C,		d more 3. 12 kg of air, 20 kg of air
Each cube of water v	allenge Iculating, hypothesizing e stands for a volume of air. The dots in eapor. Use the diagrams to answer the for air is driest, A, B, or C?		olecules A.
3. Which	Which air has the highest specific humidity?		
5. If each cube r humic	a air has the lowest specific humidity?a dot represents 1 gram of water vapor an epresents 1 kilogram of air, what is the s lity of the air shown in each diagram?		В.

6. In which sample of air is rain most likely to occur soon? Explain.

Figure C _____

Answer Key

What is humidity? Lesson Review PART A

1. c 2.e 3. d 4. a 5. b **PART B**

1. warm air 2. air at 37° C 3. 20 kg of air **Skill Challenge**

1. A 2. C 3. C 4. A 5. Figure A: 4 g of water vapor/kg of air Figure B: 10 g of water vapor/kg of air Figure C: 22 g of water vapor/kg of air 6. C. The air is closer to saturation. Saturated air is more likely to produce precipitation.