## Weather: Humidity

## Answer all questions in the space provided.

Each cube stands for a part of the air. The temperature of each cube is 24°C. The balls stand for water vapour.



1. (a) Which air has the least water vapour?
(b) Which air has the most water vapour?
2. (a) Which air is the driest?
(b) Which air is the dampest?
3. (a) Which air has the highest relative humidity?
(b) Which air has the lowest relative humidity?
4. What do you think? Which air may have rain soon?

## Write the correct letter on the line next to each number.

1	vapour	(a)	can hold less water vapour
2	percent	(b)	gas
3	saturated	(c)	filled up
4	cold air	(d)	can hold more water vapour
5	warm air	(e)	part of one hundred

Name: \_\_\_\_\_

## Complete the sentences using words from the list below.

satu 0%	ırated	water vapour relative humidity	damp 100%	little more	less lot			
<b>1</b> . V	1. Water in gas form is called							
<b>2</b> . [	Dry air has a	water v	/apour.					
<b>3</b> . N	Moist air has a	wate	r vapour.					
<b>4</b> . (	Cold air can hold	wa	iter vapour than w	varm air.				
<b>5</b> . T	The higher the temperature, the water vapour air can hold.							
<b>6</b> . A	Air that holds all the water vapour it can is called air.							
7. 8	Saturated air feels very							
<b>8</b> . T	<b>8.</b> The amount of water vapour in the air compared to the amount it can hold is called							
<b>9</b> . T	<ol> <li>The highest relative humidity is</li> </ol>							
<b>10.</b> The lowest relative humidity is								
Give thorough responses to the following questions.								

1. What happens if the air is saturated and the temperature drops?

2. Explain why warmer temperatures can hold more water.