

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

### 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.

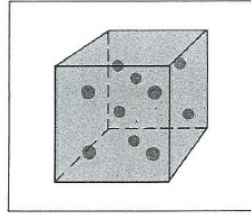


Figure A

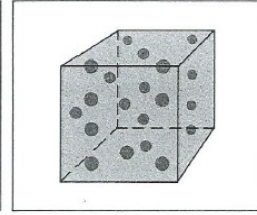


Figure B

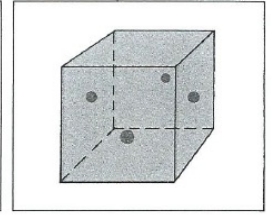


Figure C

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        |

