

CloudWatch Test

Name:

Visit the cloud website <http://atschool.eduweb.co.uk/radgeog/cloudwatch/chart/clouds.html>
Then answer the following questions

1. What is the **name** give to the following types of cloud

a) heaped or puffy clouds _ _ _ _ _ b) layered cloud _ _ _ _ _ c) high wispy cloud _ _ _ _ _

2. How **high** would you expect the cloudbase of the following

a) cirrus (metres) b) altostratus (metres) c) cumulus (metres)

3. Explain the **meaning** of the word "**nimbus**"

4. Fill in the gaps below

Clouds form when air r _ _ _ _ , exp _ _ _ _ , co _ _ _ _ , and cond _ _ _ _ onto small particles (nucleii).

Invisible water v _ _ _ _ turns into visible cloud droplets when the relative h _ _ _ _ _ of the rising air reaches 100% (called d _ _ p _ _ _ _).

The first sign of an approaching warm front is usually a high layer of c _ _ _ _ _ cloud.

Towering _ _ _ _ _ nimbus clouds are found along the _ _ _ _ front.

Lens shaped alto _ _ _ _ _ may form in the lee of high ground.

5. **Describe** and **explain** 3 ways in which a mass of air may be forced to **rise** and **cool**.

a)

b)

c)

6. **Name** the **clouds** shown below:




