

Clouds



Cirrus 1

Clouds



Cirrus 2



**Cirrus made by an aeroplane
(aircraft contrail cirrus)**

Clouds



Cumulus 1



Cumulus 2

Clouds



Cumulus 3

Clouds



Nimbostratus

Clouds



Nimbostratus with rainbow

Clouds



Cumulonimbus 1



Cumulonimbus 2



Cumulonimbus 3



Nimbostratus with rainbow

Cloud cover

Name: _____

Stand in the middle of the compass facing north and hold your Okta grid up to the sky. Count how many sections are covered in cloud. Record your results in the table below. Repeat this process for each compass point.

Direction	Number of sections covered by cloud
N	
NE	
E	
SE	
S	
SW	
W	
NW	
Total	

Now add up all of your results and divide the total by 8.

Total cloud cover = _____

Complete the following sentence:

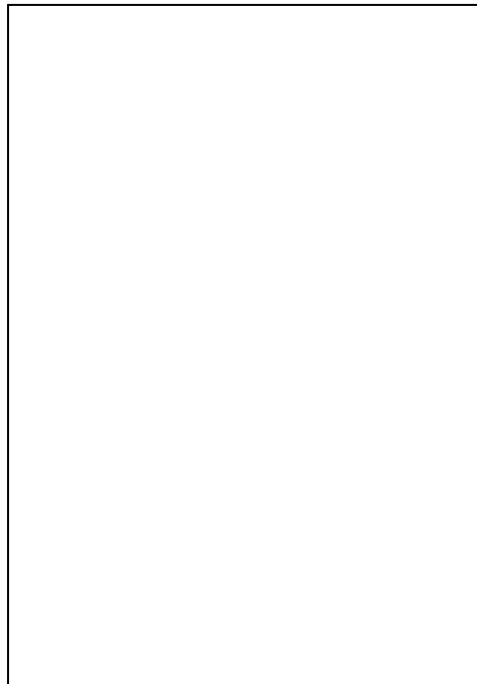
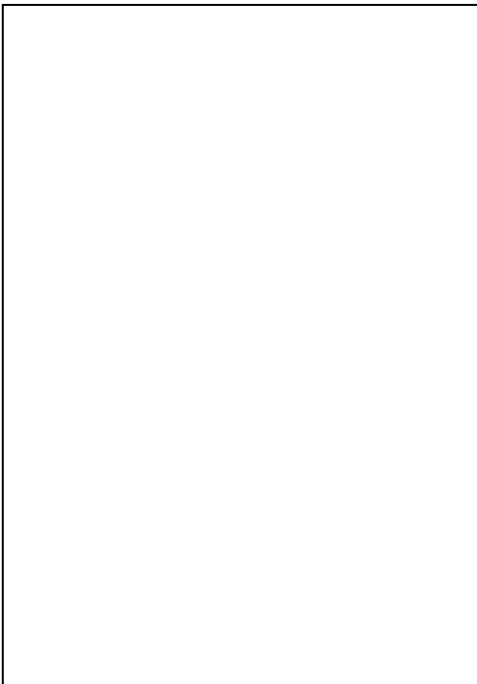
On today's date the _____, at _____ am/pm, the average cloud cover was _____ Oktas.

Cloud identification

Name: _____

Using a cloud chart or pictures of clouds, identify the different clouds you can see today. Write their names below.

Now, draw a picture of two cloud types and write their names below.

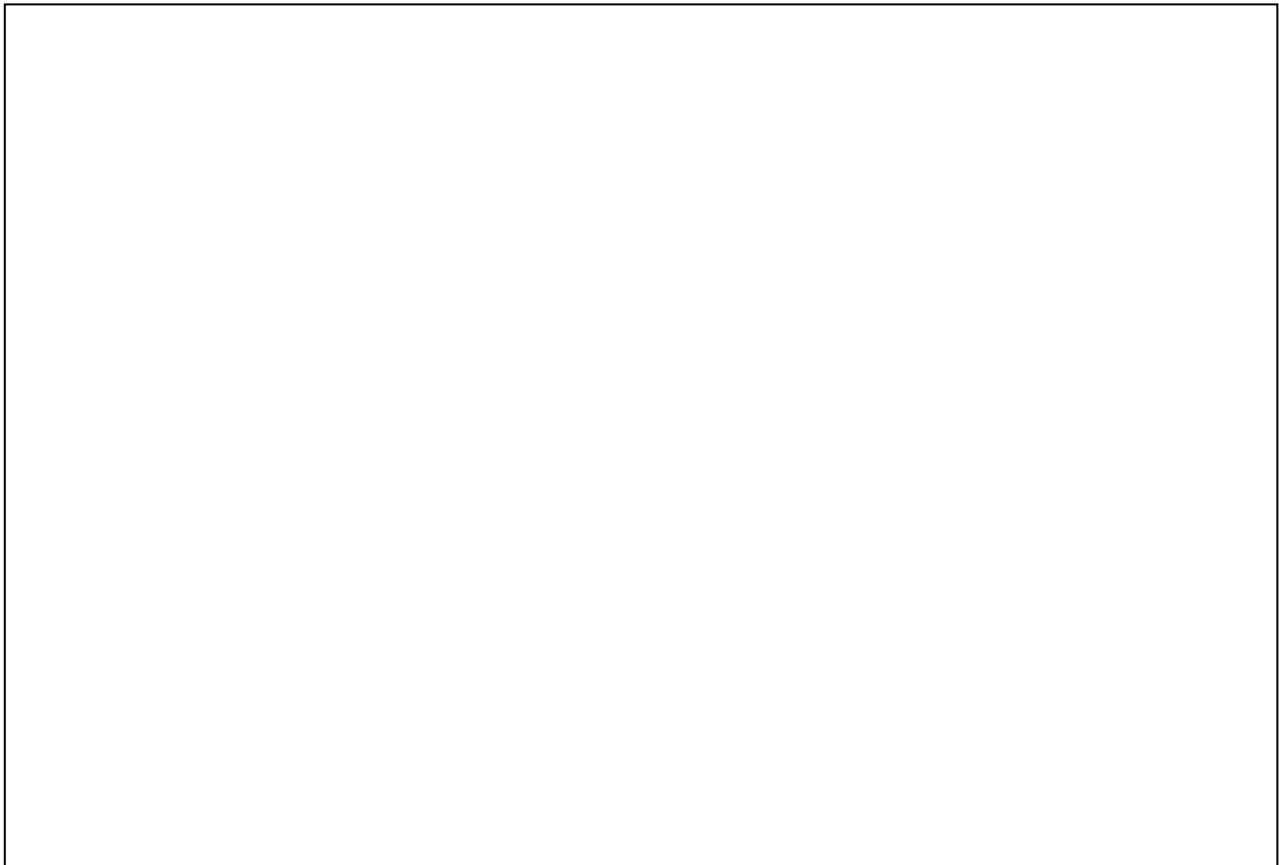


Making a cloud

Name: _____

What you need:

Diagram of experiment



Describe how you formed a cloud
