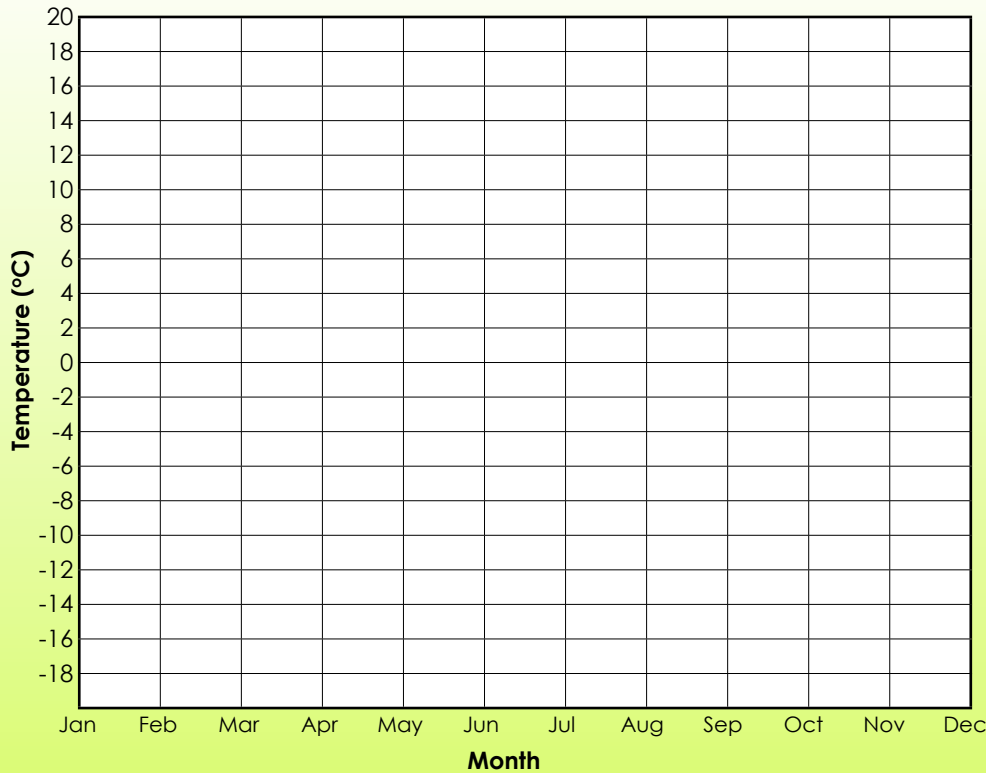


Name: _____ Date: _____

A line graph to show the average temperatures of four Scandinavian cities.

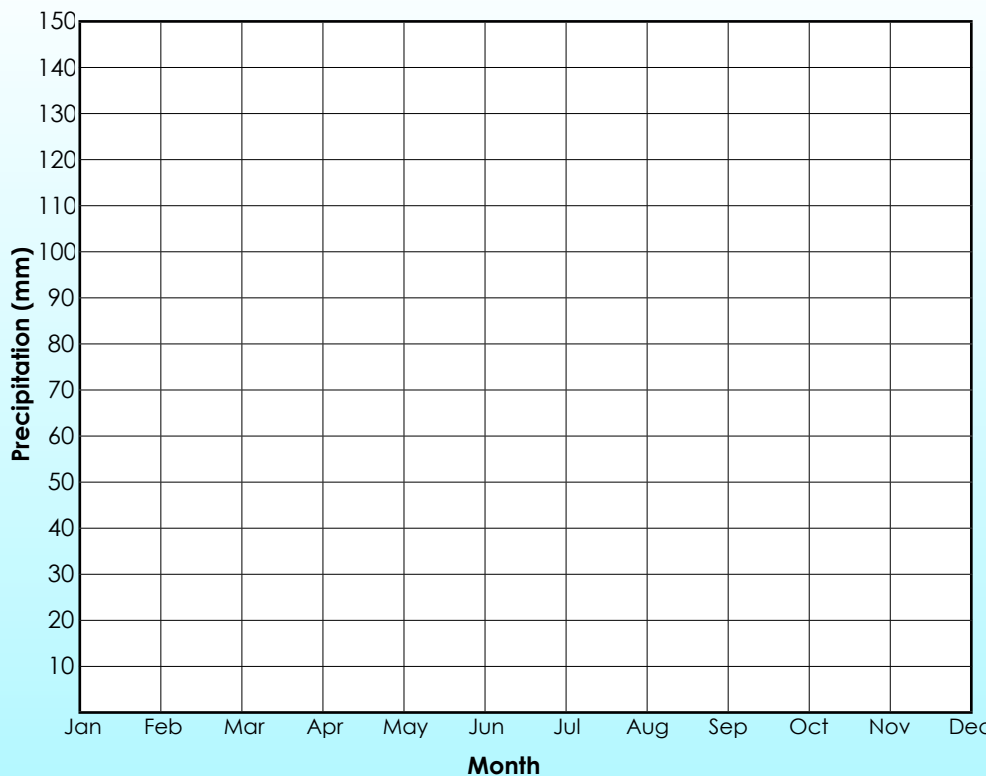


| Line key | |
|----------|---------------------|
| | Oslo, Norway |
| | Kiruna, Sweden |
| | Copenhagen, Denmark |
| | Vadsø, Norway |

Use the data to complete this line graph. Use a different coloured line for each city.



A line graph to show the average precipitation of four Scandinavian cities.



| Line key | |
|----------|---------------------|
| | Oslo, Norway |
| | Kiruna, Sweden |
| | Copenhagen, Denmark |
| | Vadsø, Norway |

Now do the same for this graph about precipitation!



Name: _____ Date: _____

Look carefully at your graphs and use them to answer these questions...



| | |
|--|---|
| Which of these cities has the coldest climate? | Which of these cities has the warmest climate? |
| Which of these cities has the wettest climate? | Which of these cities has the driest climate? |
| Which of these cities has the coolest and wettest summers? | Which of these cities would you expect to have snow for more than 6 months of the year? |
| What is the difference in temperature between Oslo and Vadsø in June? | What is the difference in temperature between Copenhagen and Kiruna in October? |
| How much more precipitation does Kiruna get than Copenhagen in March? | How much more precipitation does Oslo get than Vadsø in November? |
| How would you describe the climate in Oslo? | |
| How would you describe the climate in Kiruna? | |
| How would you describe the difference in climate between Copenhagen and Vadsø? | |
| Which two of these four climates would you say are most similar? Why? | |
| Which two of these four climates would you say are most different? Why? | |

Name: _____ Date: _____



Can you find out about the climate of a Scandinavian city? Use a variety of sources to help you fill in the information below...

What is the name of the location you are researching? Which Scandinavian country is it in?

Mark where your city is on the map:



Describe what the climate is like in this city:

Can you find the data to complete these tables?

Average temperature:

| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | | | | | | |

Average precipitation:

| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | | | | | | |

Average number of daylight hours:

| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | | | | | | |

Which of these cities has the lowest average temperature in January?

Which of these cities has the lowest average temperature in September?

Which of these cities has the lowest average temperature in July?

In which of these cities does it usually rain the most in June?

Which of these cities has the least precipitation overall?

Which of these cities would be likely to have snowfall in April?

Which of these cities has the most precipitation overall?

Which of these cities has the highest average temperature in January?

Which two of these cities have the highest average temperature in October?

In which of these cities does it rain most in May?

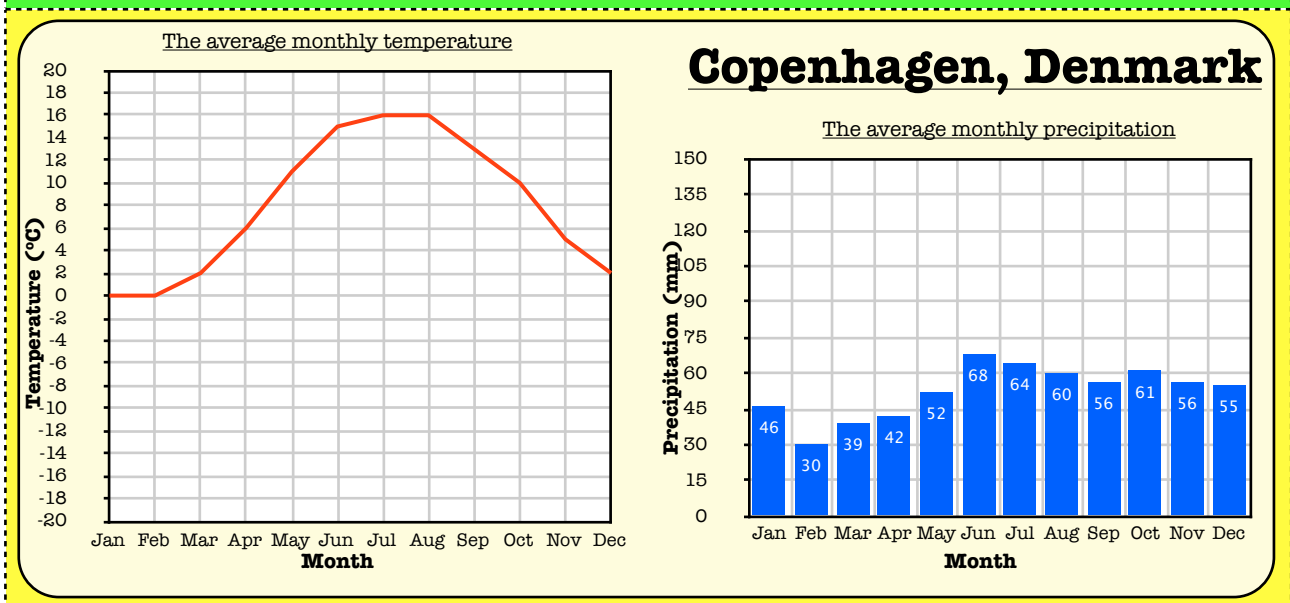
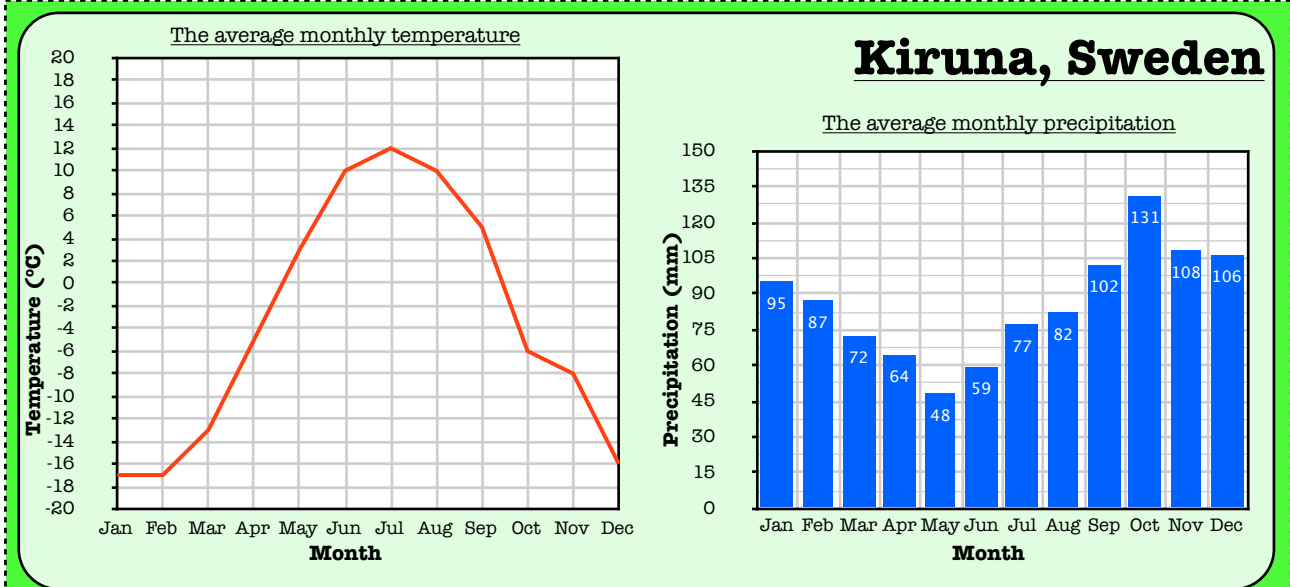
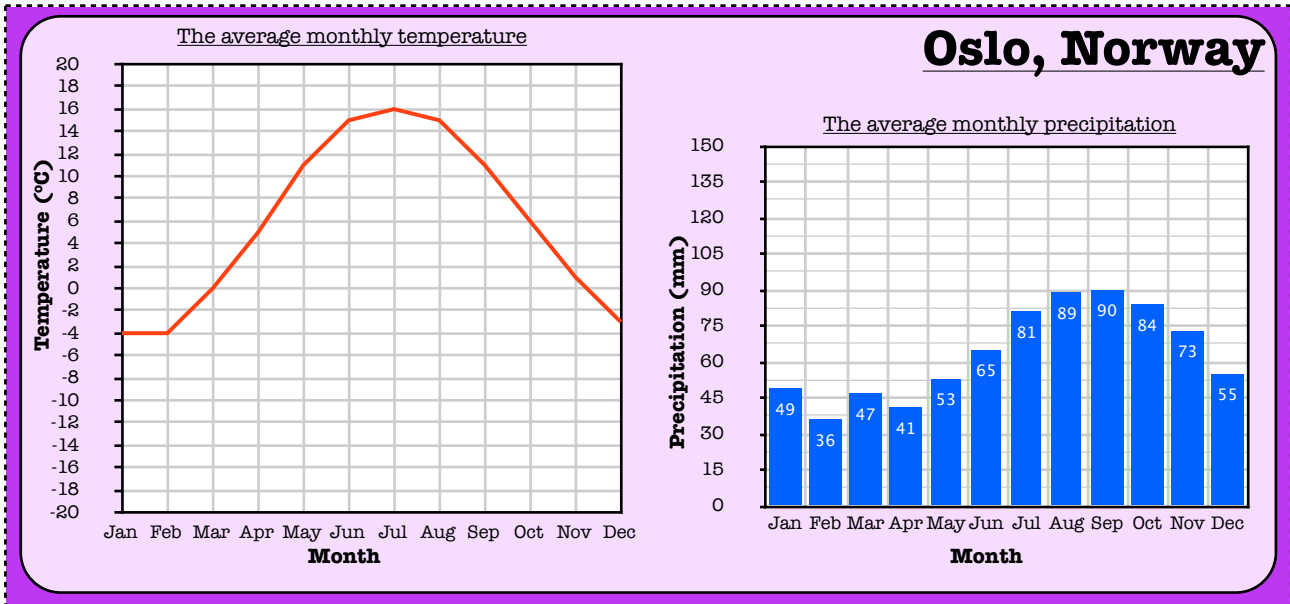
Which of these cities has the biggest difference between their lowest and highest temperatures?

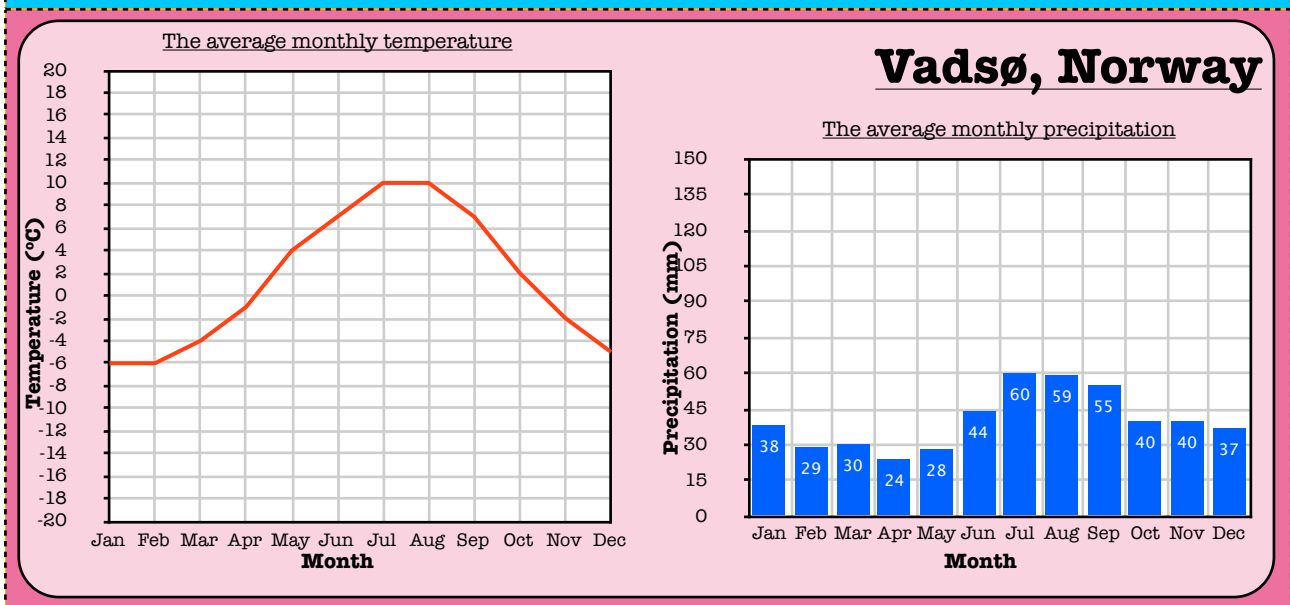
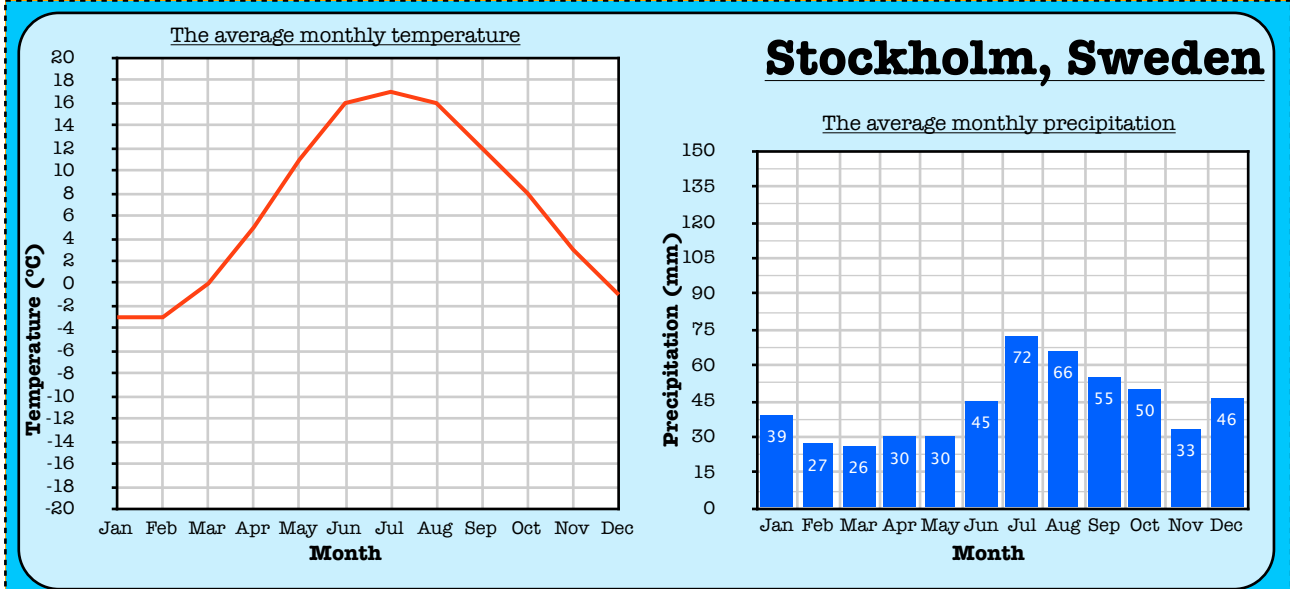
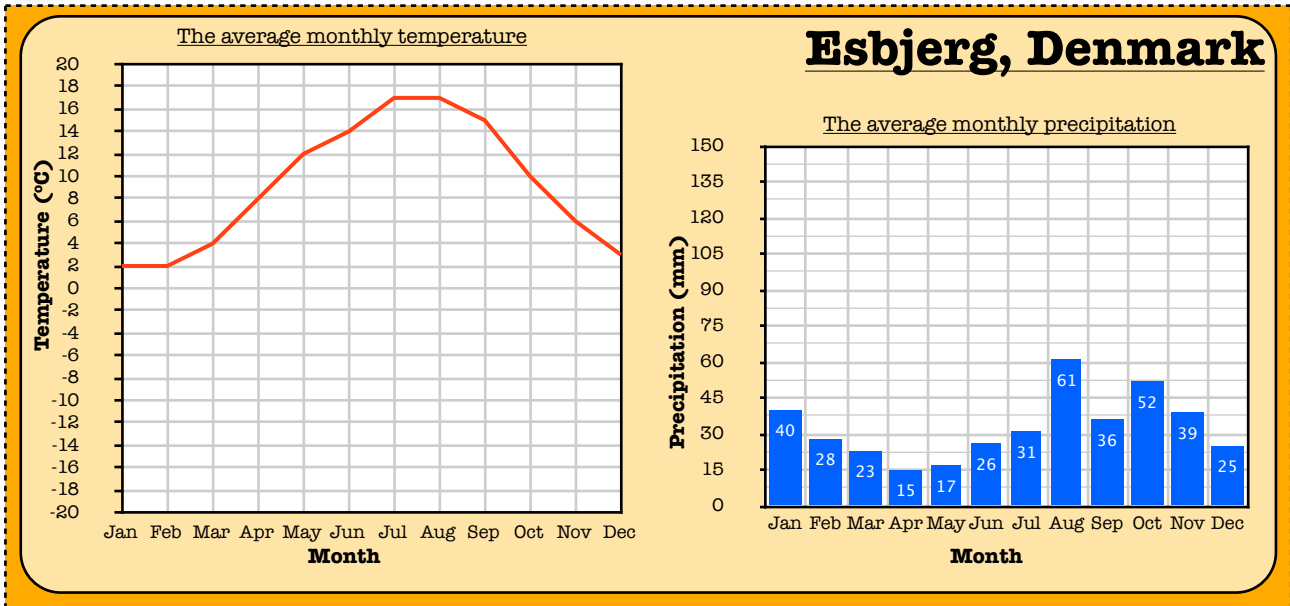
Which of these cities has the biggest difference between their lowest rainfall month and highest rainfall month?

Which of these cities would be likely to have snowfall in October?

Which of these cities has the highest overall average temperature?

Which of these cities has the lowest overall average temperature?







These tables show the average monthly temperatures and precipitation for four Scandinavian cities. Use the data to complete the line graphs on worksheet 2A, then use your graphs to answer the questions on worksheet 2B.

Oslo, Norway

| Average temperature (°C) | | | | | | | | | | | |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| -4 | -4 | 0 | 5 | 11 | 15 | 16 | 15 | 11 | 6 | 1 | -3 |

| Average precipitation (mm) | | | | | | | | | | | |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 49 | 36 | 47 | 41 | 53 | 65 | 81 | 89 | 90 | 84 | 73 | 55 |

Kiruna, Sweden

| Average temperature (°C) | | | | | | | | | | | |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| -17 | -17 | -13 | -5 | 3 | 10 | 12 | 10 | 5 | -6 | -8 | -16 |

| Average precipitation (mm) | | | | | | | | | | | |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 95 | 87 | 72 | 64 | 48 | 59 | 77 | 82 | 102 | 131 | 108 | 106 |

Copenhagen, Denmark

| Average temperature (°C) | | | | | | | | | | | |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 0 | 0 | 2 | 6 | 11 | 15 | 16 | 16 | 13 | 10 | 5 | 2 |

| Average precipitation (mm) | | | | | | | | | | | |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 46 | 30 | 39 | 42 | 52 | 68 | 64 | 60 | 56 | 61 | 56 | 55 |

Vadsø, Norway

| Average temperature (°C) | | | | | | | | | | | |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| -6 | -6 | -4 | -1 | 4 | 7 | 10 | 10 | 7 | 2 | -2 | -5 |

| Average precipitation (mm) | | | | | | | | | | | |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 38 | 29 | 30 | 24 | 28 | 44 | 60 | 59 | 55 | 40 | 40 | 37 |

**Oslo,
Norway**

**Copenhagen,
Denmark**

**Stockholm,
Sweden**

**Kiruna,
Sweden**

**Tromsø,
Norway**

**Umeå,
Sweden**

**Bergen,
Norway**

**Trondheim,
Norway**

**Esbjerg,
Denmark**

**Vejle,
Denmark**

**Luleå,
Sweden**

**Hammerfest,
Norway**

**Stavanger,
Norway**

**Malmö,
Sweden**

**Malmö,
Sweden**

**Vadsø,
Norway**

**Skagen,
Denmark**

**Tärnaby,
Sweden**

Look carefully at your graphs and use them to answer these questions...



| | |
|--|--|
| Which of these cities has the coldest climate? KIRUNA | Which of these cities has the warmest climate? COPENHAGEN |
| Which of these cities has the wettest climate? KIRUNA | Which of these cities has the driest climate? VADSØ |
| Which of these cities has the coolest and wettest summers? KIRUNA | Which of these cities would you expect to have snow for more than 6 months of the year? KIRUNA |
| What is the difference in temperature between Oslo and Vadsø in June? 8°C | What is the difference in temperature between Copenhagen and Kiruna in October? 16°C |
| How much more precipitation does Kiruna get than Copenhagen in March? 33mm | How much more precipitation does Oslo get than Vadsø in November? 33mm |
| How would you describe the climate in Oslo? E.G. LOWEST TEMPERATURE OF -4°C, HIGHEST TEMPERATURE OF 16°C THROUGHOUT THE YEAR. WETTEST MONTHS ARE AUGUST, SEPTEMBER AND OCTOBER. DRIEST MONTHS ARE FEBRUARY, MARCH AND APRIL. | |
| How would you describe the climate in Kiruna? E.G. LOWEST TEMPERATURE OF -17°C, HIGHEST TEMPERATURE OF 12°C THROUGHOUT THE YEAR. WETTEST MONTHS ARE OCTOBER, NOVEMBER AND DECEMBER. DRIEST MONTHS ARE APRIL, MAY AND JUNE. | |
| How would you describe the difference in climate between Copenhagen and Vadsø? E.G. COPENHAGEN HAS Milder WINTERS AND WARMER SUMMERS THAN VADSØ | |
| Which two of these four climates would you say are most similar? Why? E.G. COPENHAGEN AND OSLO HAVE SIMILAR WINTER AND SUMMER TEMPERATURES | |
| Which two of these four climates would you say are most different? Why? E.G. KIRUNA AND COPENHAGEN DUE TO THE BIG DIFFERENCES IN TEMPERATURE THROUGHOUT THE YEAR | |

Which of these cities has the lowest average temperature in January?

KIRUNA

Which of these cities has the lowest average temperature in September?

KIRUNA

Which of these cities has the lowest average temperature in July?

VADSØ

In which of these cities does it usually rain the most in June?

COPENHAGEN

Which of these cities has the least precipitation overall?

ESBJERG

Which of these cities would be likely to have snowfall in April?

VADSØ or KIRUNA

Which of these cities has the most precipitation overall?

KIRUNA

Which of these cities has the highest average temperature in January?

ESBJERG

Which two of these cities has the highest average temperature in October?

ESBJERG and COPENHAGEN

In which of these cities does it rain most in May?

OSLO

Which of these cities has the biggest difference between their lowest and highest temperatures?

KIRUNA

Which of these cities has the biggest difference between their lowest rainfall month and highest rainfall month?

KIRUNA

Which of these cities would be likely to have snowfall in October?

KIRUNA

Which of these cities has the highest overall average temperature?

EISBERG

Which of these cities has the lowest overall average temperature?

KIRUNA