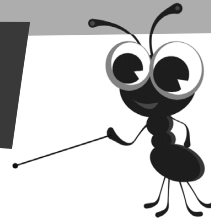


Name: \_\_\_\_\_ Date: \_\_\_\_\_

# World temperatures

Interpret negative numbers in context



**You will need:**

- squared or graph paper
- ruler

1 Work out the difference in temperature between these pairs of places:

a Paris and Ottawa

b Monaco and Calgary

c Anchorage and Cape Town

d Yakutsk and Kathmandu

e Longyearbyen and Ottawa

f Copenhagen and Baker Lake

g Calgary and Mumbai

h The hottest and the coldest place

Town or city	Temperature in °C
Mumbai	35
Kathmandu	28
Cape Town	19
Monaco	15
Paris	12
Copenhagen	7
Ottawa	-1
Anchorage	-4
Calgary	-7
Longyearbyen	-13
Baker Lake	-26
Yakutsk	-33

2 Find out some information about Yakutsk. Where is it?

\_\_\_\_\_

What do you think it is like there when the temperature is  $-33\text{ }^{\circ}\text{C}$ ?

\_\_\_\_\_

\_\_\_\_\_

3 Draw a graph to show the temperatures in the table above.

Remember that your scale will need to include negative numbers.