Name: _____

Year: _____

Date: _____

Comparing Temperatures

ANSWERS

Temperatures in the UK during a winter evening in 2013. Temperatures marked in °C

Newcastle -7
Leeds -6
Manchester -2
- 8
Leicester -1
Birmingham
Norwich -4
Cardiff -5
Bristol 0
London - 3
Southampton 1
Portsmouth 2
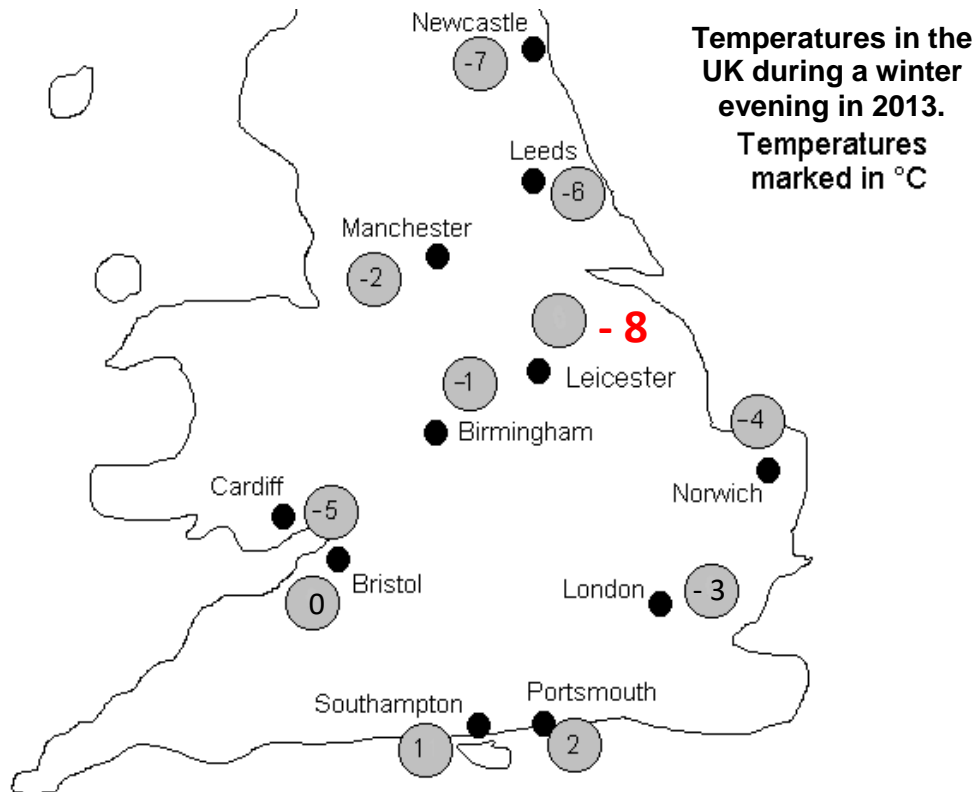
Section A: Decide which city is warmer or colder.

	Which city is warmer?		**Which city is colder?**
Cardiff or Southampton	Southampton	Southampton or Leeds	Leeds
Portsmouth or London	Portsmouth	Bristol or Portsmouth	Bristol
Manchester or Bristol	Bristol	Cardiff or Leeds	Leeds
Birmingham or Cardiff	Birmingham	Manchester or London	London
Newcastle or Leeds	Leeds	Birmingham or Bristol	Birmingham

Section B: Use the temperatures above to answer the following questions.

1) *Which city was the coldest that evening?* Newcastle

2) *Work out the difference between the highest and lowest temperature.* 9^0C

3) *The temperature in Leicester was 10^oC lower than the temperature in Portsmouth. Include the temperature of Leicester on the map.* $- 8^0$C

4) *The following evening the temperature in Manchester fell by 6^oC. What was the temperature in Manchester the following evening?* $- 8^0$C

Extension

Work out the mean average temperature for all the cities on the map. $- 3^0$C