

Positive and negative numbers – Wednesday 1st April

City	High °C	Low °C
Amsterdam, Netherlands	6	1
Andorra la Vella, Andorra	10	0
Athens, Greece	14	7
Barcelona, Spain	13	4
Belgrade, Serbia	5	-1
Berlin, Germany	3	-2
Birmingham, United Kingdom	7	2
Bratislava, Slovakia	2	-4
Brussels, Belgium	6	1
Bucharest, Romania	2	-6
Budapest, Hungary	2	-3
Chisinau, Moldova	0	-6
Cologne, Germany	5	-1
Copenhagen, Denmark	3	-2
Glasgow, United Kingdom	6	1
Hamburg, Germany	4	-1
Helsinki, Finland	-2	-8
İstanbul, Turkey	9	4
Kazan, Russia	-9	-16
Kiev, Ukraine	-3	-8

The information in the chart shows the average January temperatures for cities in Europe.

Task 1 – calculate the temperature difference for each city e.g.

Amsterdam $6 - 1 = 5$

(Use a number line to help you when you cross zero)

Task 2 – draw yourself a number line from -20 to +15 or use the one attached.

Plot all of the cities on the number line to show their highest and lowest temperatures.

You will need to use different colours to show the high temperatures and the low temperatures.

If you wish, you could do this on two different number lines.



Copenhagen (January low)