

Negative Numbers

A Try these, you can use a number line to help you. Draw one out to help.

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|---------------|----------------|
| 1) $-2 + 3 =$ | 6) $-3 + 4 =$ |
| 2) $3 - 8 =$ | 7) $4 - 7 =$ |
| 3) $-5 + 5 =$ | 8) $-6 + 4 =$ |
| 4) $1 - 3 =$ | 9) $0 - 2 =$ |
| 5) $-2 - 6 =$ | 10) $-1 - 4 =$ |

B

Negative Number Questions

1. Midday temperatures in different cities are shown below:

Cities	$^{\circ}\text{C}$
Liverpool	- 8
London	6
Glasgow	-10
Cardiff	4
Nottingham	2

- a) Which city has the highest temperature?
- b) Which city has the lowest temperature?
- c) What is the difference in temperature between Glasgow and Cardiff?
- d) How much warmer in $^{\circ}\text{C}$ is Cardiff than Liverpool?
- e) How much colder in $^{\circ}\text{C}$ is Nottingham than London?
- f) Next day, the temperature in Cardiff has decreased by 5°C . What is its temperature after the decrease?
- g) The temperature in Cornwall is 10°C warmer than Liverpool. What is the temperature in Cornwall?
- h) Overnight, the temperature in Nottingham decreases by 5°C . What is its new temperature?
- i) The temperature in Birmingham is 5°C colder than in London. What is the temperature in Birmingham?
- j) What is the difference in temperature between Liverpool and Nottingham?