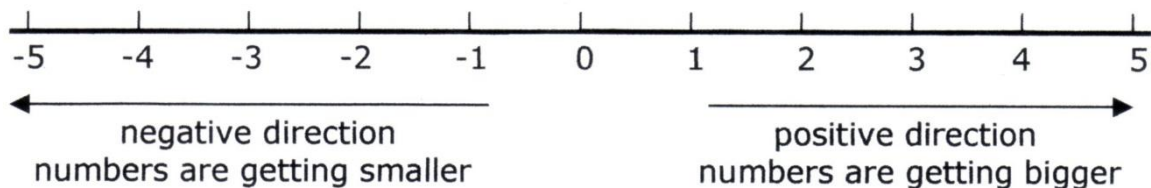


Wednesday 24<sup>th</sup> February 2021

MLJ: To use negative numbers in context.

- a) The temperature on Tuesday is  $5^{\circ}\text{C}$ . On Wednesday it is 6 degrees colder.  
What is the temperature on Wednesday?
- b) The temperature on Friday is  $-7^{\circ}\text{C}$ . The following the day, the temperature rises by 9 degrees.  
What is the temperature the following day?
- c) The temperature in London is  $-5^{\circ}\text{C}$ . In Birmingham it is  $-8^{\circ}\text{C}$ .  
What is the difference between the 2 temperatures?
- d) What is 7 minus 18?
- e) How many degrees more is  $2^{\circ}\text{C}$  than  $-2^{\circ}\text{C}$ ?
- f) Increase -12 by 6.
- g) What is 13 subtract 20?
- h) The temperature on Sunday is  $4^{\circ}\text{C}$ . The following day it drops by  $11^{\circ}\text{C}$ .  
What is the temperature on the following day?
- i) The temperature is  $-9^{\circ}\text{C}$ . If it is  $8^{\circ}\text{C}$  warmer on the following day, what will the temperature be?
- j) The temperature is  $-6^{\circ}\text{C}$ . The following day it is 9 degrees warmer.  
What is the temperature on the following day?



- a) In a quiz one point is scored for each correct answer but a point is deducted for every wrong answer.

If a team gets five questions right and seven questions wrong what is their final score?

- b) In November one day the temperature was  $18^{\circ}\text{C}$ . During the night the temperature dropped by 20 degrees. What was the temperature during the night?
- c) A skyscraper has floors below as well as above ground. If I start at the fifth floor and go down eight floors how many floors below ground level will I be?
- d) One day in December the temperature was  $4^{\circ}\text{C}$ . During the night the temperature dropped to  $-5^{\circ}\text{C}$ . How many degrees colder was it at night than in the day?
- e) In a quiz five points are scored for each correct answer but five points are taken away for every wrong answer.
- f) If a team gets seven questions right and 10 questions wrong what is their final score?
- g) A skyscraper has floors below as well as many above ground. If I start at the 35<sup>th</sup> floor and go down 40 floors how many floors below ground level will I be?
- h) In a quiz two points are scored for each correct answer but two points are deducted if an answer is wrong.  
If a team has a score of minus 12, how many correct answers will they need to reach a score of 20?
- i) In January the temperature one day was  $-3^{\circ}\text{C}$ . In the night the temperature dropped another 4 degrees. What was the temperature in the night?