1) Complete these calculations.

   a) What is 7 less than -2?

   b) -5 + 11 =

   c) What is 12 taken from 5 =

   d) Add 8 to -9 =

   e) -10 + 14 =

2) Solve these money problems.

   a) I have a -£17 balance in my bank account. I put £15 into my account. What is my new balance?

   b) My bank account has £35 in it. I spend £49 pounds. What is my new bank account balance?

   c) I spend £35 on a new bike. The balance in my bank account is now -£18. How much money did I have in my account before I bought the bike?

3) This table shows how the temperature changed on four different streets around the world. Complete the table to show how the temperatures changed over three months.

Town	Jan	Temp. Change	Feb	Temp. Change	Mar
Twinkl Town	-5°C	+8°C	____°C	+7°C	____°C
Education Avenue	-1°C	____°C	-9°C	____°C	1°C
Learning Lane	-11.3°C	____°C	-17.3°C	____°C	-5°C

1) Oliver has found the minimum and maximum average temperatures for four countries around the world. He has calculated the temperature range for each country.
Can you identify his mistakes and correct them?

Country	Minimum Temperature	Maximum Temperature	Temperature Range
Finland	-20°C	19°C	29°C
Japan	-2°C	26°C	28°C
Russia	-30.6°C	16.9°C	46.5°C
The UK	-1.5°C	17.3°C	18.2°C

Using the table, explain whether the following statements are true or false.

a) No country has an average temperature range less than 25°C.

b) If you order the countries by their average minimum temperature, from coldest to warmest, they would be: Russia, Finland, the UK and Japan.

c) The difference in temperature between the coldest minimum temperature and the hottest maximum temperature is less than 60°C.

Look at the information in the table and make your own true or false statement for a partner. Can they identify whether your statement is true or false?

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1) Jai measured the morning temperature of the school playground for one week. On day one, the temperature was -6.5°C. On day two, the temperature increased by 5.7°C. On day three, it dropped by 5.3°C. On day four, it increased by 6.9°C and on day five it dropped by 1.8°C.
What was the temperature by the end of day five?

2)

 = A positive or negative number

 = A positive or negative number

Investigate the possible values of and

if + = 15

Can you use any decimal numbers to make 15?

Is it possible to have two positive or two negative numbers to complete the calculation?

Could you use two negative numbers to complete the calculation?