S1 Formal Homework 1

<u>Core Section</u>

1. Perform the following calculations:

　　a. 7493 + 957　　　　　　　　　　　　b. 16,703 - 8371

　　c. 938 × 6　　　　　　　　　　　　　d. 6320 ÷ 8

2. Write the following in 24 hour format:

　　a. 6.43am　　　　　　　b. 3.12pm　　　　　　　c. 11.52pm

3. Perform the following calculations:

　　a. 16 × 11　　　　　　b. 19 × 14　　　　　　c. 35 × 27

4. A school trip leaves Glasgow airport where the temperature is 9°C. They arrive in Salzburg, Austria where the temperature is 16°C colder.

　　a. What is the temperature in Salzburg?
　　b. Calculate the difference in temperatures between both locations.

5. Calculate the following:

　　a. 3 – 8　　　　　b. -4 + 9　　　　　c. -9 – 17　　　　　d. 6 + (-12)

6. A plane leaves Orlando airport at 7.48am for Newark airport. The plane lands in Newark airport at 10.24am.

　　a. Calculate the duration (time) of the flight.

From the moment the passengers land at Newark airport it takes them 1 hour and 47 minutes to pass through customs and immigration and leave the airport.

　　b. What time will the passengers leave the airport at?

<u>Extension Section</u>

1. Calculate the following:

     a. 3 + (-12)   b. 9 – (-18)   c. -14 + (-13)   d. -23 – (11)

2. Perform the following calculations:

     a. 54 x 43   b. 512 x 38   c. 894 x 431