

**Riviera International Academy**

**Assignment-2077**

**(Baisakh 31, 2077, Wednesday)**

**Class: Eight**

**Subject: Science**

1. What is revolution of the earth? Mention the time required by the earth to complete one revolution. Also write the effects of it.
2. What is rotational motion of the earth? How long it takes to complete one rotation? Also write its effects.
3. What is mean solar day?
4. How many seconds in 1day? Show by calculation.
5. Convert the following:
  - a. 4Kg into gram.
  - b. 1second into day
  - c. 1 month into minutes
  - d. 3 hours into seconds.

**Subject- Mathematics**

Source: Photo of exercise will be provided tomorrow after class.

Homework: Do 1, 2 & 3 from pages 241/242 & 243.

**(You are not allowed to use to calculator)**

**Subject- Computer**

1) **Convert numbers as instructed:**

- |                           |                          |                       |
|---------------------------|--------------------------|-----------------------|
| a) $1101110_2 = (?)_{10}$ | b) $2AB_{16} = (?)_{10}$ | c) $321_8 = (?)_{10}$ |
| d) $368_{10} = (?)_{16}$  | e) $241_8 = (?)_{10}$    | f) $105_{10} = (?)_2$ |
| g) $523_{10} = (?)_{16}$  | h) $251_8 = (?)_{10}$    |                       |

**The End.**