

**DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)**

**HOME SCHOOLING SELF-STUDY WORKSHEET**

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| **SUBJECT** | Maritime Economics | **GRADE** | 10 | **DATE** | 9/4/20 |
| **TOPIC** | Maritime World | **TERM 1****REVISION** | X | **TERM 2 CONTENT** |  |
| **TIME ALLOCATION** | 15min | **TIPS TO KEEP HEALTHY**1. **WASH YOUR HANDS** thoroughly with soap and water for at least 20 seconds. Alternatively, use hand sanitizer with an alcohol content of at least 60%.2. **PRACTICE SOCIAL DISTANCING** – keep a distance of 1m away from other people.3. **PRACTISE GOOD RESPIRATORY HYGIENE**: cough or sneeze into your elbow or tissue and dispose of the tissue immediately after use.4. **TRY NOT TO TOUCH YOUR FACE.** The virus can be transferred from your hands to your nose, mouth and eyes. It can then enter your body and make you sick. 5. **STAY AT HOME.**  |
| **INSTRUCTIONS** | This worksheet is to be completed in your MRTE exercise/activity book. |

**Question 6**

A ship passes the International Date Line (IDL) while steaming from Sydney to Chile (west coast of South America) Just before she crosses the IDL the officer on watch noted that it was 11:15 on Friday 13 May.

5.1. What will the time, day and date be once the ship has crossed the IDL? (6)

5.2. If it is 11:00 on 13 May at town X (120 degrees East). What is the time in…

5.2.1. town Y 90 degrees West (4)

5.2.2. town Z 30 degrees East (4)

5.3. Calculate the voyage duration if a vessel leaves Port K at 10:00 on 22 July and is heading to Port L (distance 5760 nautical miles) at an average speed of 20knots. What is the ETA at Port L? (6)