

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

**HOME SCHOOLING SELF-STUDY WORKSHEET**

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| **SUBJECT** | Maritime Economics | **GRADE** | 10 | **DATE** | 15/06/20 |
| **TOPIC** | Shipping Operation | **TERM 1**  **REVISION** | X | **TERM 2 CONTENT** | X |
| **TIME ALLOCATION** | 30min | **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. |

1. ***Msc Sena*** was loading 10 000 TUE’s in Durban. She then sailed for Lagos (Nigeria) at 20:00 on 11/05/2020. 12 hours later the vessel was ready to discharge cargo in Lagos.

1. When did she arrive in Lagos?
2. If the distance from Durban to Lagos is 210 nautical miles, what was the speed of the vessel?
3. ***Mv. Hanjin Chongqing*** steaming from Cape Town at an average speed of 18Knots to Hamburg taking 15 days at sea, The chief officer reports.

Calculate the distance covered from Cape Town to Hamburg.

2. Assume that the vessel spent 3days discharging in Hamburg. She then sailed a distance of 558nautical miles, 18knots speed. 2 nautical miles before next port of call she was trapped by ice for 7 hours, she then berthed at Antwerp.

How long did it take from Hamburg to the next port?