

**7. Correct. The answer is true.** One ship takes  $3935 \cdot 2 / 19 + 24 = 438.21$  hours to make a round trip and it can make  $365 \cdot 24 / 438.21 = 19.99$  trips per year. One ship can carry  $135,000 / 2.47 = 54,655.87$  tonnes per trip and 19.99 trips can haul  $54,655.87 \cdot 19.99 = 1,092,570.85$  metric tonnes per year. The total number of ships needed is  $5,500,000 / 1,092,570.8 = 5$ .