Problem of the Week
Problem B
A Terror on Ice

In 1845, Sir John Franklin left England on HMS Erebus, along with HMS Terror, in search of a northwest passage to India. He traveled approximately $12000$ km before getting stuck in the ice near King William Island, coming within about $300$ km of Umingmaktok.

a) What fraction of the distance he sailed in 1845 was the remaining distance to Umingmaktok (which would have revealed a complete northwest passage)?

b) According to a scrawled note, the HMS Erebus was last seen by a European on April 22, 1848. The wreck of the ship was located on September 1, 2014.

How many years, months and days passed between these two sightings?

c) The HMS Terror was originally launched on June 19, 1813, and its wreck was discovered in 2016. It participated in the War of 1812, and participated in a further Antarctic Expedition, from 1839 to 1843.

How old, in years, is the HMS Terror now (June 19, 2019)?

Strands  Number Sense and Numeration, Measurement