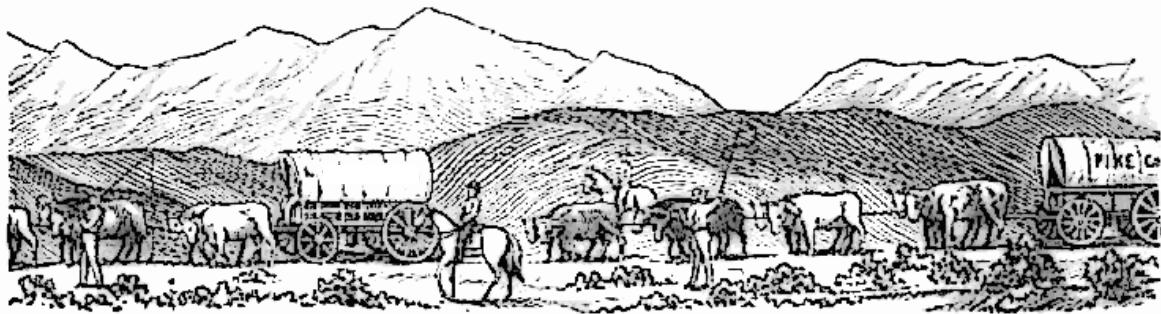


Problem number 242

Posted Monday November 17th 2014

Submit by noon, Monday November 24th 2014



A wagon train 600m long travels at a steady speed while a rider gallops from the rear to the front, delivers a message to the leader and then immediately turns around and rides back to the rear. In this time (from leaving the rear until arriving back at the rear) the wagon train has moved 800m. How far did the rider travel?