

Answer on Question #53327 - Math - Algebra

Question

A train leaves Station A every 20 minutes starting at 9am. It takes 1 hr 27 minutes for the train to get from Station A to Station B. Fred needs to be at Station B for 14:15. What is the latest train he can get from Station A to be there on time?

Solution

The latest possible time for Fred to leave A is

$$14:15 - 1h\ 27min = 12:48$$

The train leaves station A every 20 minutes starting at 9 am, therefore the latest train leaves 12:40.

Answer: 12:40.