

Tandem cycles



Josh, Lisa and Roman want to get to Aisha's house 8 miles away.

They can walk on average at 4mph and ride a tandem at an average speed of 20mph. They all start at the same time. Roman starts walking. Josh and Lisa ride a certain distance on a tandem. Lisa gets off and continues on foot while Josh returns to pick up Roman.

All three arrive at Aisha's house at the same time.

1. After how many miles did Lisa get off?
2. How long did she take to get to the house?

