Answer on Question #43682 – Math - Algebra

Two private airplanes travel toward each other from cities that are 780 km apart at speeds of 190 km/h and 200 km/h. They left at the same time. In how many hours will they meet?

Solution.

The speed of convergence is $190 + 200 = 390$km/h.

So, they will meet in $\frac{780\ km}{390\ km/h} = 2\ h$.

Answer: 2 hours.