Algebra Example

4.   Bill starts out in his auto traveling 30 miles per hour. Four hours later Juan starts out from the same point at 60 miles per hour to overtake Bill. In how many hours will it take to catch him?

4a.   Bill starts out in his auto traveling 30 miles per hour. Four hours later Juan starts out from the same point at 60 miles per hour to overtake Bill. If Bill stops for an hour to fix a flat, in how many hours will it take to catch him?