

Geometry Homework

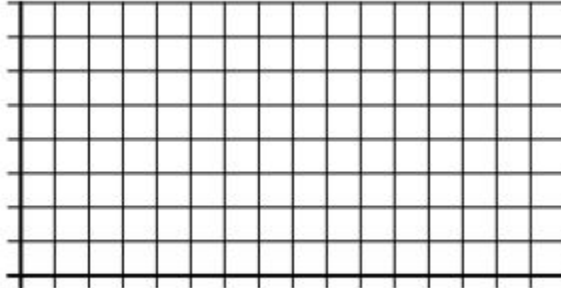
Time Distance Intersect

Name _____

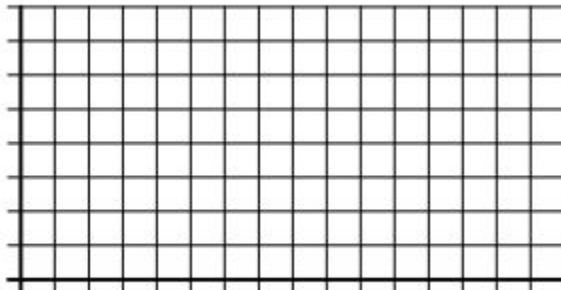
Geometry Hwrk Distance Time Intersecting 2nd.doc 12-10-14

Calculate the following to three significant digits. Ie x.xxx

1. Car #1 is going 66 miles per hour and is 9 miles ahead of car #2 traveling at 77 mph. Where and when should they meet?
 - a. Distance they meet at _____
 - b. Time they meet _____



2. Car #1 is going 47 miles per hour and is 3.6 miles ahead of car #2 traveling at 63 mph. Where and when should they meet?
 - a. Distance they meet at _____
 - b. Time they meet _____



3. Car #1 is going 66 miles per hour and car #2 traveling at 75 mph. From start they met 5 ½ minutes later. How far apart were they when they started?
 - a. Distance apart they started at _____
 - b. Distance they meet at _____

4. Car #1 is going 54 miles per hour and car #2 traveling at 63 mph. From start they met 13.3 minutes later. How far apart were they when they started?
- Distance apart they started at _____
 - Distance they meet at _____
-

5. Car #1 is going 37 miles per hour and car #2 traveling at 64 mph. From start they met 9.3 minutes later. How far apart were they when they started?
- Distance apart they started at _____
 - Distance they meet at _____
-

6. Car #1 is going 81 miles per hour and car #2 traveling at 59 mph. From start they met 11.7 minutes later. How far apart were they when they started?
- Distance apart they started at _____
 - Distance they meet at _____
-

7. The patrolman is going 92 miles per hour and the car he is chasing is traveling at 80 mph. From start they met 15.4 minutes later. How far apart were they when they started?
- Distance apart they started at _____
 - Distance they meet at _____