

Present neatly on separate paper. Justify for full credit. ~~No Calculators.~~

Name \_\_\_\_\_ Score \_\_\_\_\_ 8 minutes  
1.

At noon, ship A is 100 km west of ship B. Ship A is sailing south at 35 km/h and ship B is sailing north at 25 km/h. How fast is the distance between the ships changing at 4:00 PM?

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