

## Additional Problems.

**Problem 3.6.** The product of 22 integers is equal to 1. Show that their sum cannot be zero.

**Problem 3.7.** A bus, a truck, and a motorcycle move without acceleration and pass a stationary observer at equal time intervals in the order mentioned above. They pass another observer farther down the road at the same equal time intervals but in different order. This time the order is the bus, the motorcycle, the truck. Find the speed of the bus, if the speed of the truck is 30 mph, and the speed of the motorcycle is 60 mph.

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