**WASHINGTON**

1. **Four out of 5 freshmen study algebra. How many study algebra in a freshman class of 400?**
2. **The second of two consecutive odd integers is 16 less than three times the first. The sum of the three integers is 33. Find the three integers.**
3. **A pipe can fill a pool in 20 hours, while an outlet pipe can empty the pool in 30 hours. How long would it take to fill the empty pool if both pipes are operating at the same time?**
4. **Jack and Sophie drove to a service station at 60 km/h. They bicycled home at 15 km/h. The entire trip took 4 hours. How many km did they bicycle?**
5. **A train left a station traveling at 110 km/h. Two hours later, a train left the station traveling in the opposite direction at 90 km/h. How many hours later were they 420 km apart?**
6. **Matthew can stripe the baseball field in 3 hours. Matt can do it in 4 hours. How long will it take if they work together?**