

Names:

Section 7.7

1. In a local district, the ratio of Democrats to Republicans is 5 to 7. If there are 2100 Republicans in the district, how many Democrats are there?
2. To mix weed killer correctly with water, it is necessary to mix 3 tablespoons of weed killer with 2 gallons of water. Find how many gallons of water are needed to mix with the entire box if it contains 40 tablespoons of weed killer.
3. It takes Carol 3 hours to paint a small room and it takes John 5 hours to paint the same room. If the two work together, find how long it takes to complete the job.

