Algebra I Practice A.CED.A.3: Modeling Linear System	ıs 1
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NAME:			

- 1. The ratio of Arias to Lujans was 6 to 7. If their combined total at the wedding was 403, how many were not Arias?
- 6. The ratio of flowers to shamrocks was 17 to 5, and three times the number of shamrocks was 40 less than the number of flowers. How many were flowers?
- 2. The ratio of Diaz to Sedillas was 9 to 4. If their combined total at the wedding was 403, how many were not Diaz?
- 7. The ratio of clovers to diamonds was 11 to 4, and three times the number of diamonds was 14 more than the number of clovers. How many were clovers?
- 3. The ratio of Acostas to Ortegas was 4 to 5. If their combined total at the wedding was 396, how many were not Acostas?
- 8. The ratio of horseshoes to shamrocks was 11 to 5, and two times the number of shamrocks was 12 less than the number of horseshoes. How many were shamrocks?
- 4. The ratio of boys to girls in a school is about 3 to 5. There are about 800 students in the school. How many are boys? How many are girls?
- 9. The ratio of horseshoes to hearts was 17 to 5, and three times the number of hearts was 40 less than the number of horseshoes. How many were hearts?
- 5. The 1990 census showed the ratio of males to females in Cincinnati, Ohio to be about 4 to 5. The same census showed a total population of 360,000. About how many were males? About how many were females?
- 10. The ratio of clovers to sapphires was 13 to 2, and seven times the number of sapphires was 15 more than the number of clovers. How many were clovers?

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[1]	217
[2]	124
[3]	220
[4]	300 boys and 500 girls
[5]	about 160,000 males and 200,000 females
[6]	340
[7]	154
[8]	60
[9]	100
[10]	195