

Algebra 1

Data Updates

Chapter 10

Lesson 10.1, page 581, Exercise 66, Population

66. For the year 2010, the value of P is 299,862 and the value of M is 146,679. Use these figures to predict the female population in 2010.

Answer: 153,183,000

Lesson 10.2, page 589, Exercise 60, Multi-Step Problem

Year (t)	12	13	14
Milk production (1000s of lb/cow)	16.9	17.2	17.8
Millions of cows	9.3	9.2	9.2

Answers:

- a. Include additional points
- b. Include additional points
- c. $p = 0.32t + 13.11$, $n = 0.12t + 10.69$
- d. $A = -0.0384t^2 + 1.8476t + 140.1459$
- e. unchanged