Feb. 20, 2020

Gr 11 RF1 Section 5.4 & 5.6 Assignment   /20   Name: _____

1. Page 248 # 3
2. Page 260: # 2, 3 & 5
3. Word Problem:

Due Friday Feb. 21

A pet store specializes in birds.

- It sells at least three times more male bird than female birds of the same species. The male's colorful feathers make them more popular.
- Over the past 2 weeks, no more than 28 birds, in total, have been sold.
- Males were sold for $115, and females were sold for $90.

What combination of sales of male and female birds would have maximized the pet stores' revenue? Graph the system.

Test Review (Chapter 5) RF1   Name : _____

Foundations of mathematics 11   Period : _____

Test Friday Feb. 21

1.   Solve these inequalities.   2. Determine the x-intercept and y-intercept for the
                                                   following:

a) $3x + 8 < 24$ $6y = 2x + 12$

b) $-6x \geq 24$

3.   Draw the graph for the following inequalities and shade the feasible region.

a) $2x + 4y \geq 16$ b) $y \geq 2x - 1$ and $y < x + 5$

Attachments

6Ws4e1.mp4

6Ws4e2.mp4