Name: _____

Summary of Factoring

A)   Tammy is planning a rectangular garden in which the width will be 4 feet less than its length. She has decided to put a birdbath within the garden, occupying a space 3 feet by 4 feet.

1) How many square feet are now left for planting? Express the answer in factored form.

B)   A model rocket is short vertically from a deck into the air at a speed of 50m/s. the expression $-5t^2 + 50t + 5$ gives the approximate height of the rocket after t seconds.

2) Factor this expression.