

Additional problems 2

Math 362, Spring 2011

1. Suppose that an urn contains 5 red balls and 3 green balls. Suppose that 3 balls are removed from the urn without replacement. Let R_i be the event that the ball drawn on the i^{th} draw is red. Let G_i be the event that the ball drawn on the i^{th} draw is green.

Find

- (i) $P(R_3)$
- (ii) $P(G_2R_3)$