

MATH 1120
Spirit & Uses of Mathematics 2
Homework 2/22

Read: Section 7.4

Exercises: 7.3: 1–3, 8, 9.

7.4: 1–3, 5–9.

Additional Problem: Use a random number table to simulate 100 two-child families. (a) What is the empirical probability of having a boy and a girl? (b) How many families have at least one girl? (c) Of those families, how many have a boy? (d) In how many families is the oldest child a girl? (e) Of those families, how many have a boy?