

Name: _____

Math 130 Day 3 In Class Worksheet

Date: _____

Intro To Probability

1.

Experiment

Spin the spinner shown below once



Events

A = The spinner lands on a red section

B = The spinner lands on a blue section

C = The spinner lands on an even number

D = The spinner lands on a multiple of 3

E = The spinner lands on a prime number

F = The spinner lands on a red odd number

G = The spinner lands on a number greater than 5

Find

$S, A, B, C, D, E, F, G, P(A), P(B), P(C), P(D), P(E), P(F), P(G), P(S), P(\emptyset)$

2.

Experiment

Flip a single coin 4 times (or flip 4 coins all at the same time, once)

Events

A = The third coin lands on tails

B = All coins land on the same thing

C = The 1st, 3rd, and 4th coin land on heads

D = The results of each flip alternate

E = The 1st and 3rd coin land on the same thing, and also the 2nd and 4th coin land on the same thing

Find

$S, A, B, C, D, E, P(A), P(B), P(C), P(D), P(E), P(S), P(\emptyset)$