Quiz 5

MAT 118, Spring 2003

PRINT your Name:

circle your section

2 Tues 11:20

3 Thur 12:50

4 Tues 5:30

I flip a coin 5 times in a row. The 32 possible outcomes of this are listed below.

HHHHH	HHHHT	HHHTH	HHHTT	HHTHH	HHTHT	HHTTH	HHTTT
HTHHH	HTHHT	HTHTH	HTHTT	HTTHH	HTTHT	HTTTH	HTTTT
THHHH	THHHT	THHTH	THHTT	THTHH	THTHT	THTTH	TTHHH
TTHHH	TTHHT	TTHTH	TTHTT	TTTHH	TTTHT	TTTTH	TTTTT

1. Find the probability that exactly two of the flips are heads.

2. Find the probability that exactly two of the flips are heads, given that the first flip is tails.