Name: _____Date: _____ Block: _____

Math 8
Mrs. van der Vossen

Probability Worksheet

1. Solve the following. SHOW ALL STEPS.

You have one quarter, show the following as fractions:

a. P(H) b. P(T,H) c. P(H,T,H)

You have one six-sided die that you roll two times. Fill out the rest of the table to find the sample space, then answer the questions:

XXX	SIX SIDED DIE						
SIX SIDED DIE	XXX						

a. P(3,2)

b. P(1 then 2)

c. P(even then odd)

You have one four-sided die and one six-sided die. Make a table and then determine P(4 then 5).

You have one coin and one six-sided die. Make a tree diagram, then give the sample space.

a. Find P(sum less than 4).

b. Find P(T then even).

You have one three sided spinner and one six-sided die. Make a tree diagram, then give the sample space.

a. Find P(3 then 5).

b. Find P(sum is odd).

Can the probability be greater than 1? Can it be negative? Why or why not?