

Name: _____

Date: _____

MAT 1460- ____ Homework

Section 8.3

Support your answer by showing your work.

1. An experiment consists of tossing a coin and picking a day of the week. Write the sample space of the experiment.	
2. Greg is painting a room. He can use either a flat or semi-gloss paint. For each type of paint, he can choose either a grey, purple, or blue color.	
a) Write out the sample space.	
b) What is the probability that he picks a flat paint?	c) What is the probability that he picks a grey color or semi-gloss paint?
3. A jelly bean is randomly taken from a bag that contains 5 red, 9 white, and 2 blue jelly beans. Find the probability of the following:	
a) The jelly bean is blue.	b) The jelly bean is not red.
c) The jelly bean is red or blue.	d) The jelly bean is neither red nor blue.