

HW 9.5 Due 5/20 or 5/23

1. Karly's free throw percentage is 70%. If Karly is shooting 2 free throws:





















































a. Draw an area model or tree diagram to represent all possible outcomes. b. Find $P(2 \text{ makes}) =$

c. Find $P(1 \text{ make, } 1 \text{ miss}) =$

d. Find $P(2 \text{ misses}) =$

2. Find the probability of the following events when pulling one card from a standard deck of cards:

Example set of 52 poker playing cards

Suit	Ace	2	3	4	5	6	7	8	9	10	Jack	Queen	King
Clubs													
Diamonds													
Hearts													
Spades													

a. Getting a diamond.

b. Getting a face card

c. Getting a spade OR a 3

d. Getting a club AND 9

