

Data management narrative



**ASSIGN
BUSTER**

1. What is the probability of drawing each of the following from a standard deck of cards
a) a black card
b) a face card
c) a red ace
2. Create a chart below to relate throwing two dice (red and Black) to help calculate the probability of
a) Getting a sum of that is a multiple of 3
b) Getting a sum greater than 7
c) Getting an even sum or a sum greater than 7
d) What are the odds in favour of rolling a sum of 9.

Three coins are tossed
a) Represent the outcomes on a tree diagram.
b) What is the probability of tossing two tails and one head
c) What are the odds against rolling three tails
d) What is the probability of rolling two tails or two heads
e) What is the probability of not rolling three heads
4. Four face cards have been drawn from a standard deck of cards. What is the probability of drawing each of the following, assuming that the cards are not replaced
a) Four face cards
b) Three face cards followed by a black 7
5. Repeat each part of question 4 assuming that the cards drawn are replaced and the deck is shuffled prior to selecting the next card
a) Four face cards
b) Three face cards followed by a black 7
6. The odds of having an all-Canadian World Series are estimated to be 1: 18.

Based on this estimate, how likely it is to have an all-Canadian World Series

7. Ten boys and 12 girls decide to rent a 16-passenger van and a 6-passenger car to drive to a rock concert in a nearby city. If the group is distributed randomly between the vehicles, what is the probability that:
a) There are no boys in the car
b) Robin and Bryn are both in the van
8.

Valentina has 15 CDs in her back pack, 5 of which are rock, 6 are dance, and 4 are country. She reaches into her pack and randomly selects three CD:
a) What is the probability that she will have three rock CDs
b) ..

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