IN CLASS

Explore:

Ex. 1

Gabe attends school 95% of the time. Michelle attends school 85% of the time. Find the probability of the following:

1. Michelle attends but Gabe does not.
2. Gabe attends but Michelle does not.
3. Both students attend.
4. Neither student attends.

Ex. 2

A box contains 4 red, 3 blue and 1 white marble. Two marbles are selected at random, *without* replacement. Find the probability that:

1. Both are red.
2. Both are blue.
3. The first is white and the second is blue.
4. Neither is white.
5. Both are white.

Ex. 3

A hat contains tickets numbered 1-20. If three tickets are drawn from the hat, without replacement, determine the probability that all are prime numbers.

**Apply**

p. 273 #1, 3, 6

p. 274-275 #1-3