In Class

Explore:

Ex. 1

a.) If P(Q) = 0.5 and P(R) = 0.3 and P(QR) = 0.75, are Q and R independent?

b.) If P(B) = 0.6 and P(C) = 0.3 and P(BC) = 0.72, are B and C independent?

Ex. 2

If , , and , find .

Ex. 3

*A* and *B* are mutually exclusive events.

If and , find

Ex. 4

Suppose , , and find

a.)

b.)