

$$P(\text{I'M NEAR THE OCEAN} \mid \text{I PICKED UP A SEASHELL}) =$$

$$\frac{P(\text{I PICKED UP A SEASHELL} \mid \text{I'M NEAR THE OCEAN}) P(\text{I'M NEAR THE OCEAN})}{P(\text{I PICKED UP A SEASHELL})}$$



CRASHHHH
SPLOOOSH

STATISTICALLY SPEAKING, IF YOU PICK UP A SEASHELL AND DON'T HOLD IT TO YOUR EAR, YOU CAN PROBABLY HEAR THE OCEAN.