

$$P(BA = t) = 0.001$$

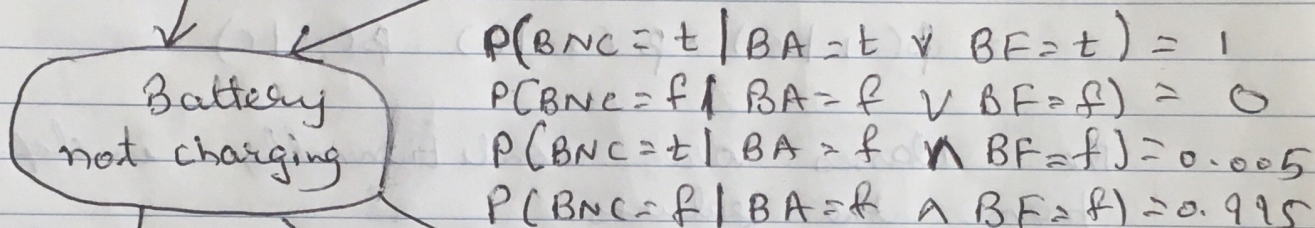
$$P(BA = f) = 0.999$$

~~Broken~~ Broken Alternator

$$P(BF = t) = 0.02$$

$$P(BF = f) = 0.98$$

Broken Fan belt



Gas Empty

Broken Starter

Flat Battery

$$P(FB = t \mid BNC = t) = 0.9$$

$$P(FB = t \mid BNC = f) = 0.1$$

$$P(FB = f \mid BNC = t) = 0.1$$

$$P(FB = f \mid BNC = f) = 0.9$$

Car won't start

$$P(CWS = t \mid FB = t \vee GE = t \vee BS = t) = 1$$

$$P(CWS = f \mid FB = t \vee GE = t \vee BS = t) = 0$$

$$P(CWS = f \mid FB = f \wedge GE = f \wedge BS = f) = 0.95$$

$$P(CWS = t \mid FB = f \wedge GE = f \wedge BS = f) = 0.05$$