$$P(Cutremur|Alarma) = \frac{P(Alarma|Cutremur)P(Cutremur)}{P(Alarma)}$$
$P(Alarma|Cutremur) = \frac{98}{100}$
$P(Cutremur) = \frac{0.05}{100}$
$P(Alarma) = P(Alarma|Cutremur)P(Cutremur)+P(Alarma|\neg Cutremur)P(\neg Cutremur) =$

$= \frac{98}{100} \times \frac{0.05}{100} + \frac{2}{100} \times \frac{99.95}{100} = \frac{4.9}{10000} + \frac{199.9}{10000} = \frac{204.8}{10000} = 0.02048$
$P(Cutremur|Alarma) = \frac{0.98 \times 0.0005}{0.02048} = \frac{0.0049}{0.02048} = 0.2392$

$P(Incendiu|\neg Alarma) = \frac{P(\neg Alarma|Incendiu)P(Incendiu)}{P(\neg Alarma)}$
$P(\neg Alarma|Incendiu) = 0.05$
$P(Incendiu) = 0.01$
$P(\neg Alarma) = P(\neg Alarma|Incendiu)P(Incendiu)+P(\neg Alarma|\neg Incendiu)P(\neg Incendiu) =$

$= 0.05 \times 0.01 + 0.02 \times 0.99 = 0.0203$
$P(Incendiu|\neg Alarma) = \frac{0.98 \times 0.01}{0.0203} = 0.48275$