(22)
$$P(A) = \frac{3}{8} P(B) = \frac{5}{8} P(A \cup B) = \frac{3}{4}$$

$$P(A|B) = ?$$

$$P(A|B) = P(A \text{ em } B)$$
 of $\frac{P(A \cap B)}{P(B)} = \frac{\frac{2}{8}}{\frac{5}{8}} = \frac{2}{5}$

$$P(B|A) = P(B \text{ en } A)$$
 of $\frac{P(B \cap A)}{P(A)} = \frac{\frac{2}{8}}{\frac{3}{8}} = \frac{2}{3}$

We moeten dan P(A/B) nog vinden.

$$\frac{3}{4} = \frac{3}{8} + \frac{5}{8} - P(A \cap B)$$

$$\frac{2}{8} = P(A \wedge B)$$

25) 3 munten:
(a)
$$P(minstens | Kruis) = 1 - P(allen Munt)$$

 $= 1 - \frac{1}{8} = (\frac{7}{8})$

(b) P(hoogsteur 2 heur ment)
= P(om of 1 m of 2 m)
=
$$1 - P(3 \text{ meisjes})$$

= $1 - \frac{1}{8} = \frac{7}{8}$

