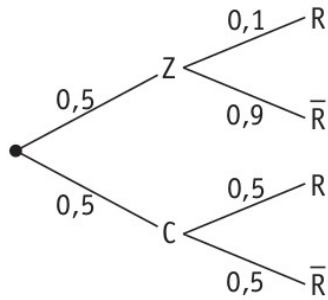


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30 a.

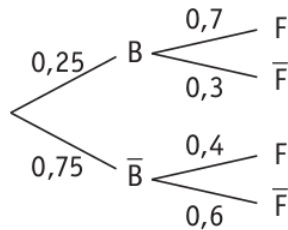


b. $P(R) = 0,5 \times 0,1 + 0,5 \times 0,5 = 0,3$

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32 1. $P(B) = \frac{50}{200} = 0,25$, $P_B(F) = 0,7$ et $P_{\bar{B}}(F) = 0,4$.

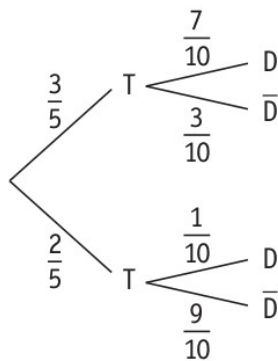
2.



3. $P(F) = 0,25 \times 0,7 + 0,75 \times 0,4 = 0,475$.

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112 1.



2. a. $P(T \text{ et } D) = \frac{21}{50}$.

b. $P(D) = \frac{21}{50} + \frac{2}{50} = \frac{23}{50}$.

c. $P(\bar{T} \text{ et } \bar{D}) = \frac{1}{25}$.

3. $P_D(T) = \frac{P(T \cap D)}{P(D)} = \frac{21}{23}$.