

Răspunsuri la „Probabilități 2”

1. a) $P(F \cap \bar{B}) = \frac{1}{10}$
b) $P(F \cup B) = \frac{7}{10}$
c) $P(\bar{F} \cap \bar{B}) = \frac{3}{10}$
2. $P(\bar{A} \cap \bar{B}) = \frac{7}{12}$
3. a) $P = \frac{160}{400}$
b) $P = \frac{370}{400}$
4. $P = 1 - \frac{C_{80}^5}{C_{100}^5}$
5. $P = \frac{7}{90}$
6. $P = \frac{775}{900}$
7. $P = \frac{378}{2016}$
8. $P = \frac{9 \cdot 9 \cdot 8 \cdot 6}{9000}$
9. $P = \frac{4}{15}$
10. $P = \frac{7}{10} \cdot \frac{3}{9}$

Răspunsuri la „Probabilități 3”

1. $P = \frac{C_{10}^3}{2^{10}}$
2. $P = \frac{5!}{5^5}$
3. $P = \frac{5^4}{5^5}$
4. $P = \frac{10}{5^3}$
5. $P = \frac{4}{12}$
6. $P = \frac{C_5^3}{C_{10}^3}$
7. $P = \frac{5^2}{5^3}$
8. $P = \frac{2^3 - 1}{2^7 - 1}$
9. $P = \frac{9}{900}$
10. $P = \frac{A_5^4}{5^4}$
11. $P = \frac{4}{4^4}$
12. $P = \frac{7}{15} \cdot \frac{5}{14} \cdot \frac{3}{13}$