

mobius

Probability Counting - Choose N Cards from M, Count of Favorable Outcomes -



| 4 | | T | o nCm No | otation | 0 | | |
|--|--|-----|--|--|---|---|--|
| 1 2 ♣ | How many ways can two 4s be drawn from this set? Show in nCm notation. | | How many ways can two 9s be drawn from this set? Show in nCm notation. | | | | |
| 4 🏚 | 4 💠 | | A $_{3}P_{2}$ | B $_{3}C_{2}$ | 9 4 9 4 10 6 A | $_{4}P_{2}$ B $_{4}C_{2}$ | |
| | | _ | ^c ₃ C ₃ | D 5C2 | С | $_{5}C_{2}$ D $_{2}C_{4}$ | |
| | | | E $_{3}R_{2}$ | ^F ₂ C ₃ | E | $_{4}B_{2}$ F $_{4}R_{2}$ | |
| 3 5 ♣ 5 ♦ J ♠ | | | How many ways can two 5s be drawn from this set? Show in nCm notation. | | How many ways can two Jacks be drawn from this set? Show in nCm notation. | | |
| 5 🏚 | 5 🛡 | 6 🔷 | A 2C4 | ^B ₄ P ₂ | J ♦ 10♥ | $_{4}B_{2}$ B $_{4}R_{2}$ | |
| | | _JI | ^c ₄ B ₂ | D 4C2 | C | ${}_{4}C_{2}$ D ${}_{4}P_{2}$ | |
| | | | ^E ₄ R ₂ | ^F ₃ C ₃ | E | $_{2}C_{4}$ F $_{3}C_{3}$ | |
| How many ways can two Queens be drawn from this set? Show in nCm notation. | | | Queens be draw | n from this set? | How many ways can three Kings be drawn from this set? Show in nCm notation. | | |
| Q 🛡 | 10 ♦ | J 🛖 | A $_{3}P_{2}$ | ^B ₃ C ₃ | K W K A K A | ₄ P ₃ B ₄ B ₃ | |
| | | JI | ^c ₃ B ₂ | D $_{3}R_{2}$ | C | ^D ₄ C ₃ | |
| | | | ^E ₂ C ₃ | F 3C2 | E | ₆ C ₂ F ₃ C ₄ | |
| How many ways can three Queens be drawn from this set? Show in nCm notation. | | | n from this set? | How many ways can two 4s be drawn from this set? Show in nCm notation. | | | |
| Q ♦ | J 🛖 | Q 🖤 | A 5C2 | ^B ₄ P ₃ | Q 💙 4 💠 4 📤 | $_{4}P_{2}$ $_{4}B_{2}$ | |
| A • | | | c 4R3 | D 4B3 | C | $_{2}C_{4}$ $_{4}R_{2}$ | |
| | | | E 4C3 | F 3C3 | E | ₄ C ₂ F ₄ C ₄ | |