



Probability nCr Notation - Formula to Bracket Notation



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|---|--------------------------|---------------------|---------------------|---------------------|---|--------------------------|---------------------|---------------------|---------------------|
| 1 | $\frac{3!}{2! \cdot 1!}$ | A $\binom{3}{2}$ | B $\binom{2}{3}$ | C $\binom{3}{3}$ | 2 | $\frac{4!}{3! \cdot 1!}$ | A $\binom{3}{4}$ | B $\binom{4}{3}$ | C $\binom{3}{3}$ |
| 3 | $\frac{5!}{3! \cdot 2!}$ | A $\binom{5}{3}$ | B $\binom{3}{5}$ | C $\binom{6}{3}$ | 4 | $\frac{5!}{4! \cdot 1!}$ | A $\binom{7}{6}$ | B $\binom{7}{2}$ | C $\binom{5}{4}$ |
| 5 | $\frac{6!}{4! \cdot 2!}$ | A $\binom{8}{3}$ | B $\binom{6}{4}$ | C $\binom{5}{3}$ | 6 | $\frac{6!}{5! \cdot 1!}$ | A $\binom{7}{7}$ | B $\binom{6}{4}$ | C $\binom{6}{5}$ |
| 7 | $\frac{5!}{2! \cdot 3!}$ | A $\binom{5}{2}$ | B $\binom{5}{3}$ | C $\binom{4}{2}$ | 8 | $\frac{6!}{3! \cdot 3!}$ | A $\binom{5}{4}$ | B $\binom{6}{2}$ | C $\binom{6}{3}$ |