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Combinatorics is a vast subject with connections to many areas of mathematics. Important problems in general mathematics often turn out to have combinatorial content as the core problem. Ramsey's Theorem was actually motivated by a problem in logic posed by Hilbert: Is there a way to decide exactly when a logic formula is valid? Currently, there are multiple facets of logic informing and providing methods for solving problems in combinatorics. Conversely, problems in logic are leading to progress in combinatorics. We will sample some highlights of the beautiful historical and modern interactions between Ramsey theory and logic, how progress in each field has motivated and helped solve problems in the other, as well as in other areas of mathematics. (Received September 15, 2019)