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Over the last several years there has been increasing interest in generic properties of finitely presented groups. For example it has been shown that a random finitely presented group is word hyperbolic, that the isomorphism problem is solvable for most pairs of one-relator group presentations, and that random van Kampen diagrams for a fixed finite presentation have logarithmic depth. We will review developments in this area and mention some recent results. (Received September 19, 2011)