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Jaewoo Lee* (jalee@bmcc.cuny.edu), Department of Mathematics, Borough of Manhattan Community College, 199 Chambers Street, New York, NY 10007. *What to ask next, as students explore Egyptian Fractions.*

Egyptian Fractions can be used as an introductory subject for undergraduate students to the research in number theory. Students often find it surprising to see a simple idea can lead to so many different meaningful (and sometimes hard) questions. This talk will share how to lead students to think about what to ask next, using the results they obtain at the early stages and studying certain patterns. (Received September 24, 2017)