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Alvin White* (awhite@thuban.ac.hmc.edu). *Philosophy of Mathematics*.

Is mathematics invented or discovered? How could we know? What difference would it make? How do people obtain knowledge? What are the limits of certainty? What is the relation between general and mathematical knowledge? What is the role of beauty, simplicity or intuition in creative discovery? Some readings and student responses will be discussed. A list of readings and references will be distributed. (Received September 12, 2000)