

3-DAY IAP MYSTERY HUNT

Instructions

This quest for a rare coin is intended to challenge your creativity, exercise your deductive reasoning, and test your knowledge of the MIT campus. It will take you from the depths of “hell” to some of MIT’s neighbors. Once you believe you have solved all the pieces of the puzzle and know where the coin is, please let one of the game sponsors know; we would like to attend as you perform your final search.

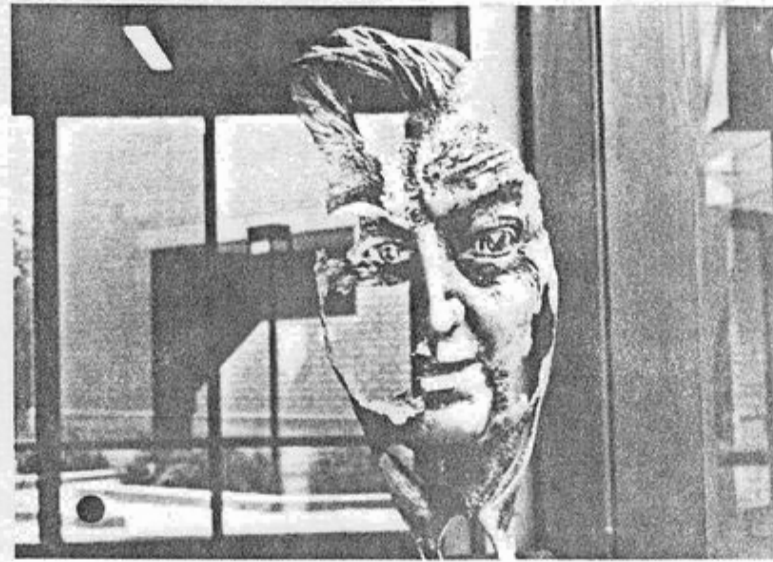
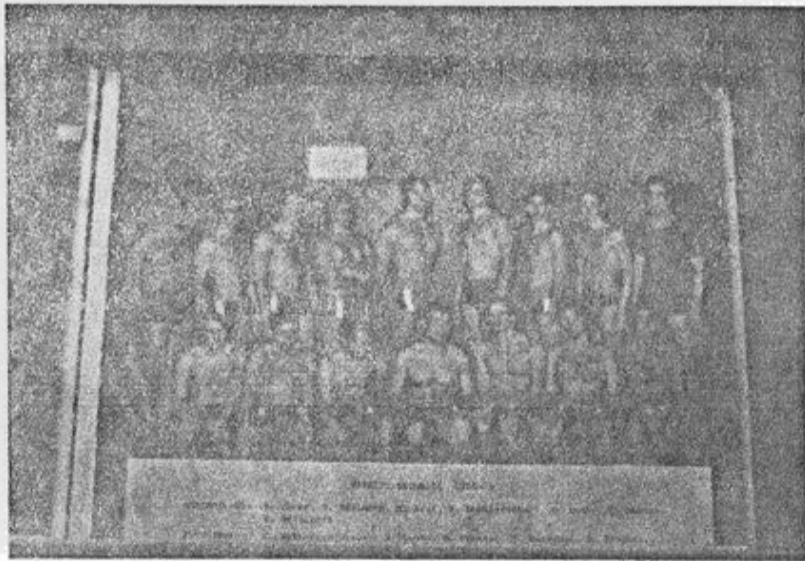
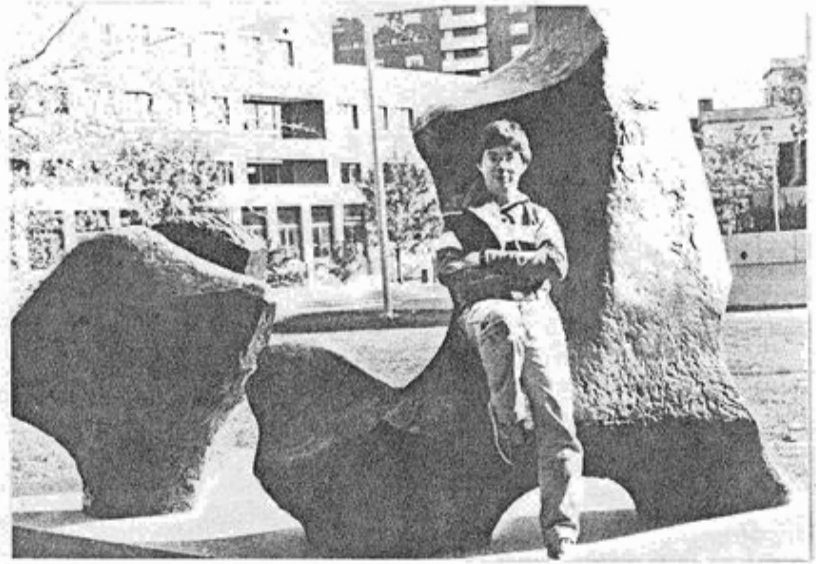
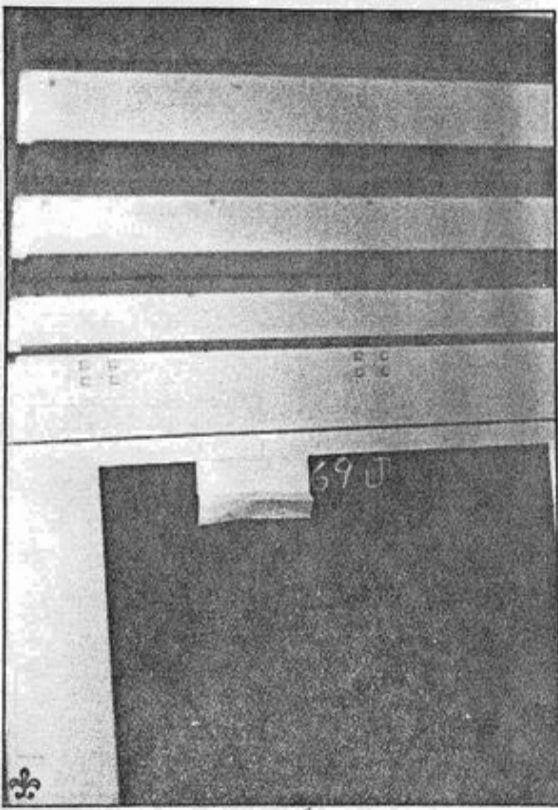
Here are a few guidelines for solving the puzzle:

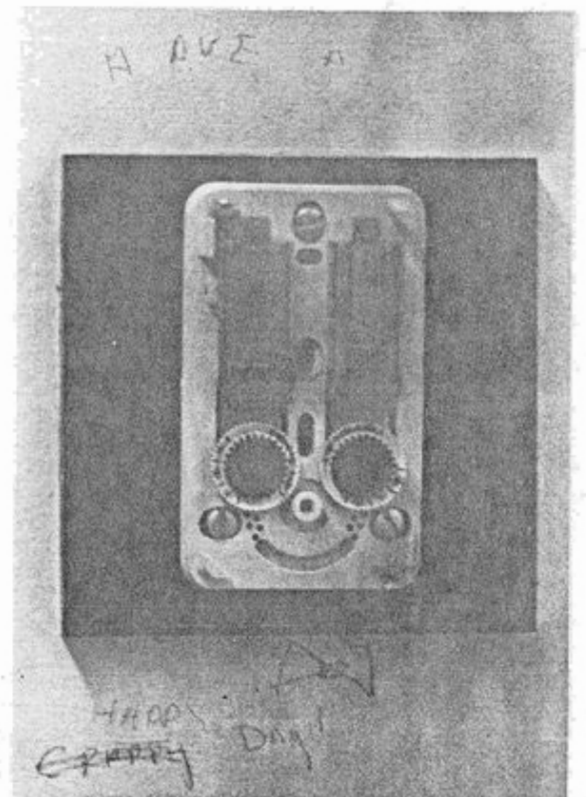
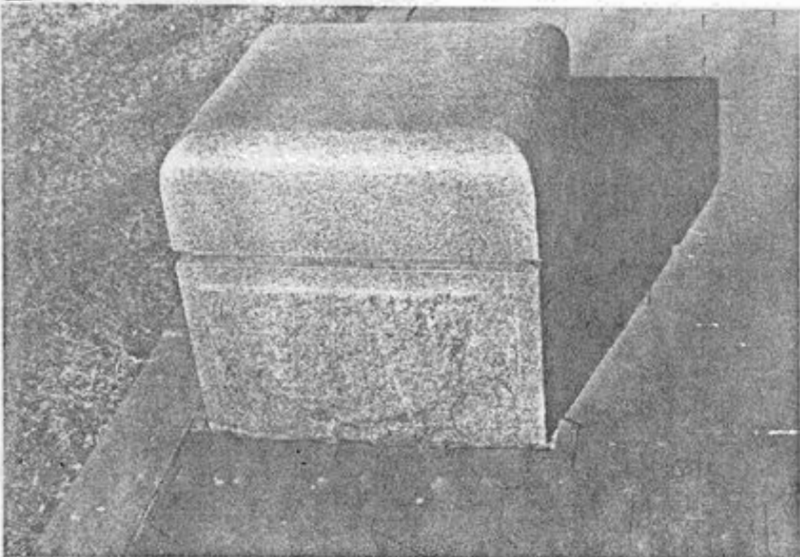
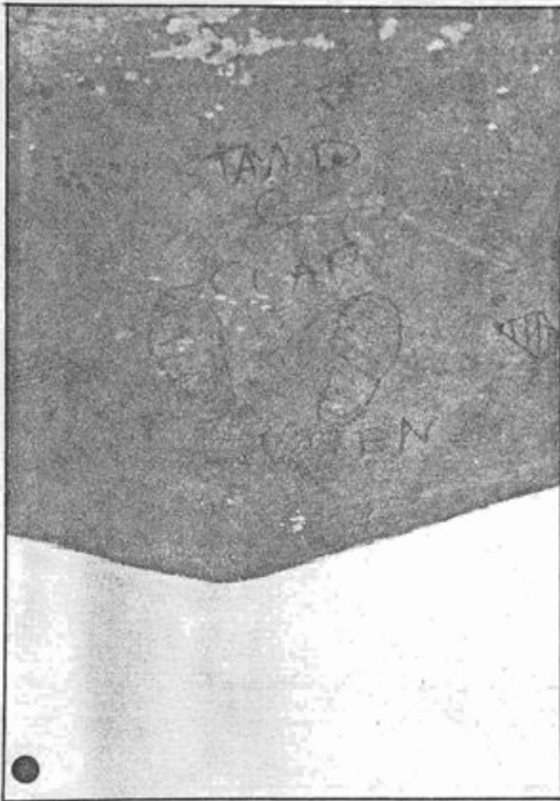
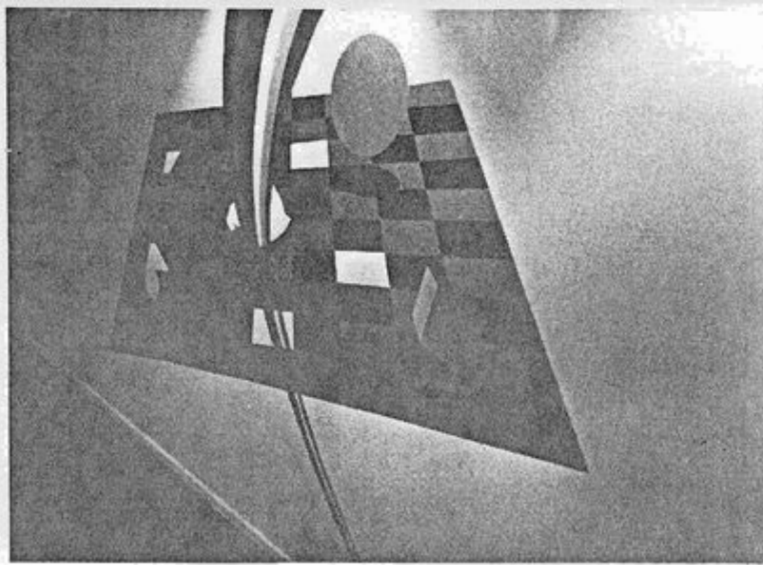
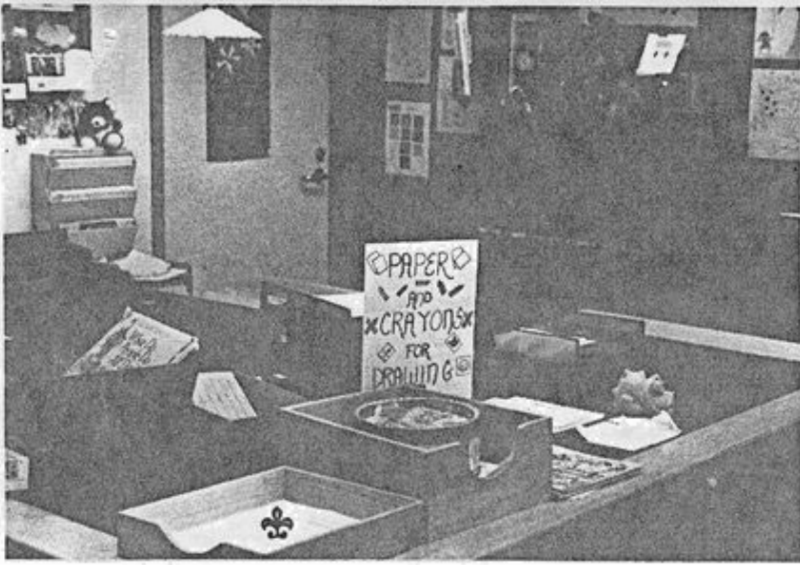
- Most places that this hunt will take you to are open twenty four hours a day; all are open during regular business hours. The coin, however, is accessible at all times.
- No places that you may have to go to solve the puzzle require special keys or tools. If you think you need to perform illegal actions to gain entry into an area, you are most likely searching the incorrect place.
- When solving the riddles, write down as much of the answer as will fit in the spaces. If the answer contains an integer, write out the number in English text. If the number is a decimal, write it in numerical form. For example “1214” would be written as “one thousand two hundred-fourteen,” whereas “1.36” would be written as “1.36.”

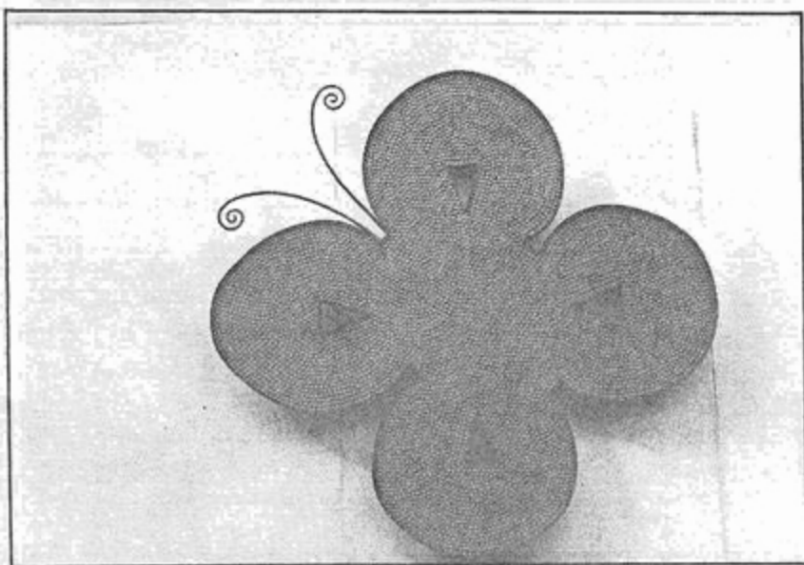
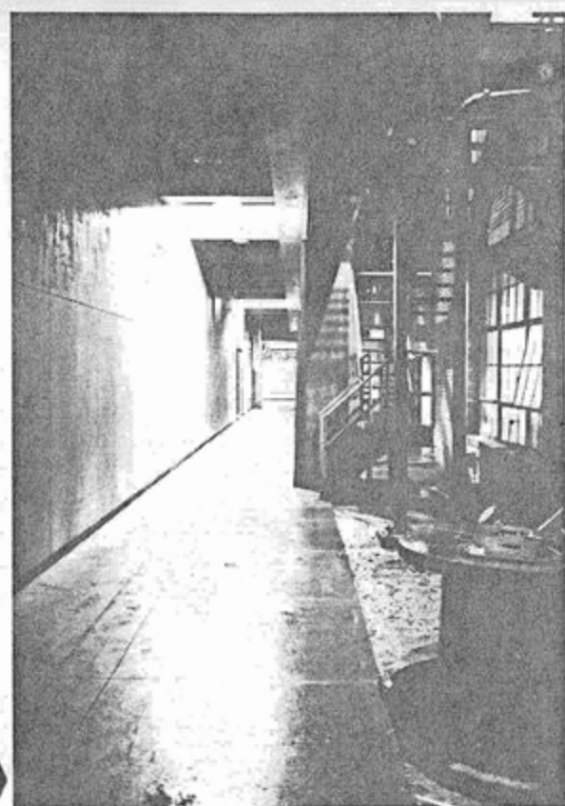
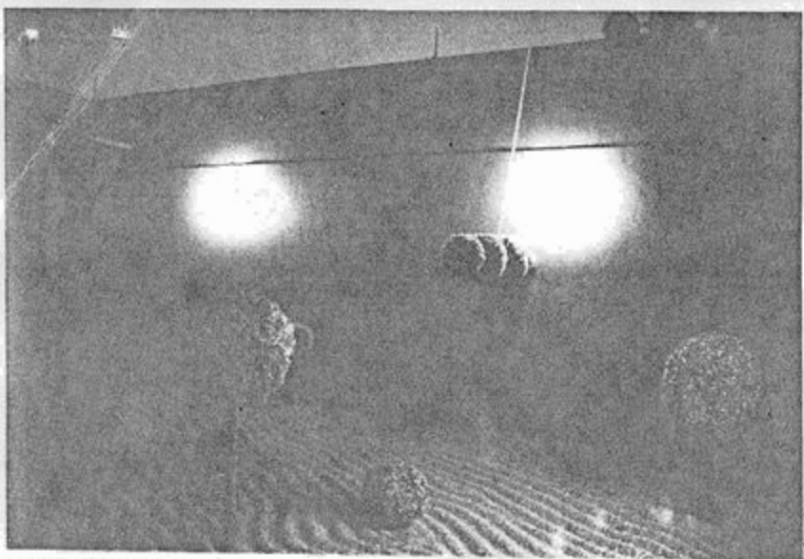
The game sponsors can be reached almost anytime at 225-7209 starting at 1:00pm Wednesday, Jan. 25th. Give us a call if you are getting frustrated, you need some motivation, or even just to let us know how far you have gotten. Should certain sections of the puzzle prove to be excessively difficult to all the teams, we shall supply further clues.

Enjoy your quest!
-The Black Seven

- 1) In 1933, lecture hall 6-120 was built. Recently, this room was renovated. Where can the original electrical meters be found?
- 2) Abel, Jacobi, _____, Hamilton, Sylvester, Cayley.
- 3) What is the height of the sweetest place in Cambridge, above or below sea level?
- 4) In his early travels, Norbert Weiner once ran into Albert Einstein quite by chance. In what did he find Mr. Einstein?
- 5) 199 Smoots.
- 6) What was the gift of the Class of 1906?
- 7) What is the weight, in pounds, of a finished propellor blade of a Liberty Ship, ca. 1943?
- 8) In '77, on Jan. 7, Jim Pollock started to explain "rules, knotty problems of the game, positioning, and style." Who aided him in this venture?
- 9) As of 1900, how many women had received MIT degrees in Biology?
- 10) Complete the following excerpt from a MIT song written by Gelett Burgess and Frederic F. Bullard (both class of '87):
"If you want a road to Jupiter, Or a _____."
- 11) What do they want to do to Fred at the Nutrition & Food Science Machine Shop?
- 12) What color is D# in the Boston Museum of Science?
- 13) AUUAAUGCAGAUCGUGAAGCUAUG,
GCCUCCAACGCGAAAGAGACACACGCUACG
GAGGCCACCUCGAUCACCUCAGAGCUUUUU.
GCAUGGGC UAAAGAG, UGGCACGCCACG
UGUCACGAGAUGAUUUGCGCGCUUAUAUCAACUCACU?
- 14) What article does Doc Edgerton keep a 24 hour watch over?
- 15) What is the name of the original Aero-Astro building?
- 16) Where was the APB last seen on Day 5?







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1	2	3	
4			
5			
6			7
	8		

ACROSS

1. A^2
4. $(4BC / 45) + 4$
5. $D^E + 59$
6. C^3
8. $70F + 7G + 10$

DOWN

1. BH
2. $ACDE + CDEH - 9AFG$
3. $11BC - 20$
7. D^3

Instructions: Solve like a regular crossword, except use digits instead of letters. Each of the variables in the clues, and each of the clues, stands for a positive integer. The first digit of each number in the grid will never be zero. Everything is base 10. Call if you have any questions.

$$A - B + (C \times (D - E)) + (F \times G) + H$$