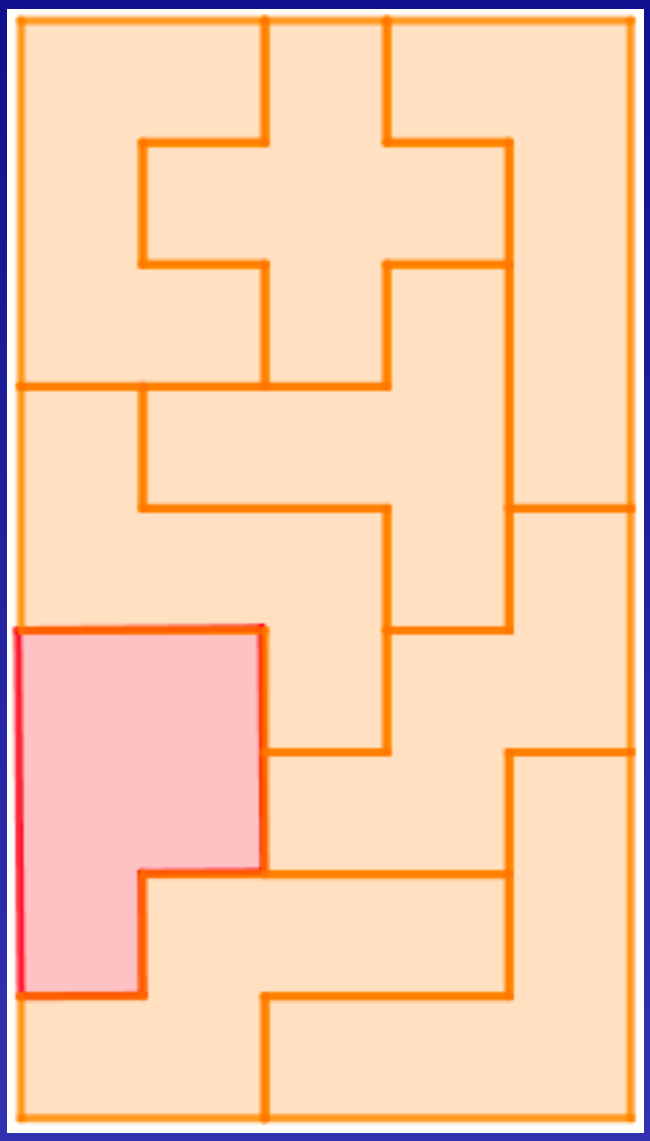
PENTOMINO CARDS



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Pentomino Cards

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INTRODUCTION

The pentomino is a shape made of five congruent squares joined edge-to-edge (see chart in back of book).

The student will need a complete set of pentominoes (12 pieces each) to create the designs featured on these 48 cards.

The cards are grouped in four increasingly difficult skill levels: Set A, Beginner's Set; Set B, Stairs; Set C, Rectangles; Set D, Expert's Set.

As students become competent in solving these puzzles, they will enjoy experimenting to create their own designs. Encourage them to record their solutions and to share the challenges with their classmates.

ADDITIONAL SUGGESTIONS

• Use the pentominoes to make more creatures like the person on Al or the giraffe on A2. Make more faces like Al2 and Al3, or symmetric designs like A14.

• Puzzles A3 through All are pentomino "blow-ups," which are twice the dimensions of a regular pentomino. Can you make "blow-ups" that are three times the dimensions?

• Make pentomino stairs larger than the ones in Set B. Can you make rectangles larger than the ones in Set C?

• Puzzles D5 and D6 will have "holes" in it when all the pentominoes have been put into place. Can you solve this puzzle with the holes placed in symmetric positions? with the holes all together?

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NAME: _____

CHECKLIST FOR PENTOMINO CARDS
Use this to keep track of the puzzles you have solved.

BEGINNER'S SET

A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 A14

STAIRS

B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13 B14 B15 B16

RECTANGLES

C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12

EXPERT'S SET

D1 D2 D3 D4 D5 D6

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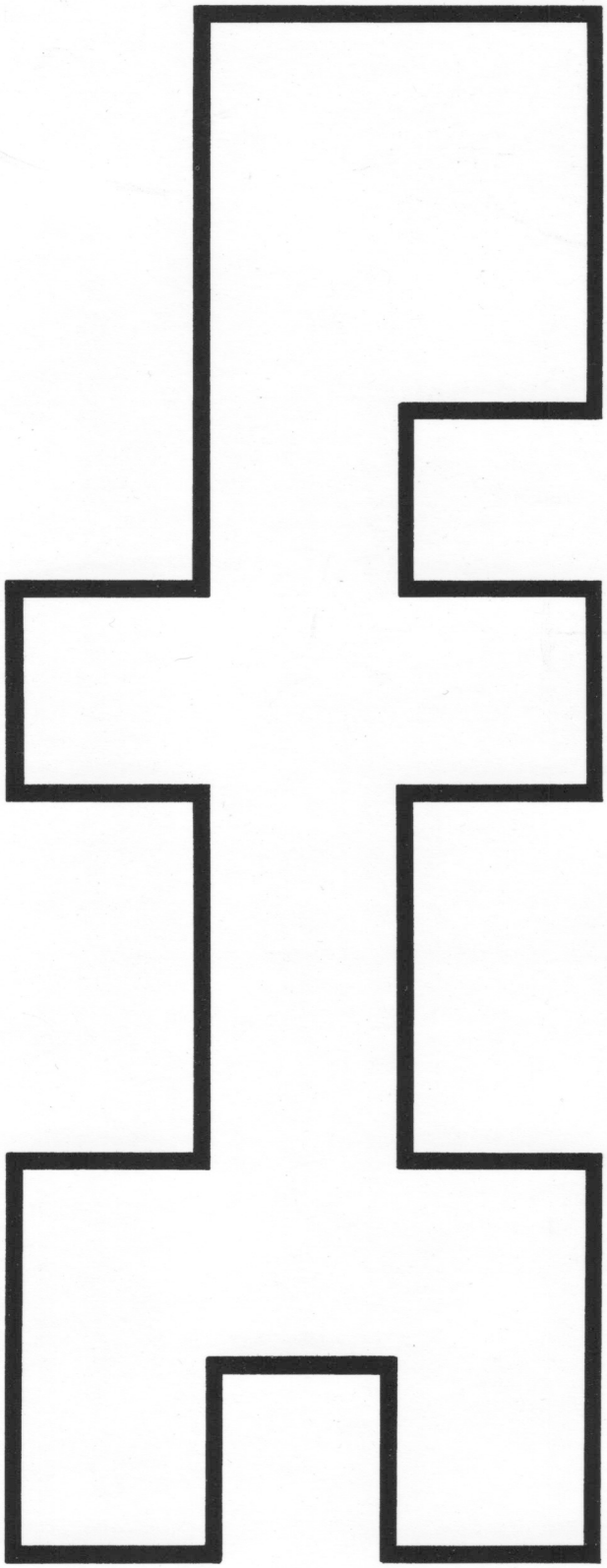

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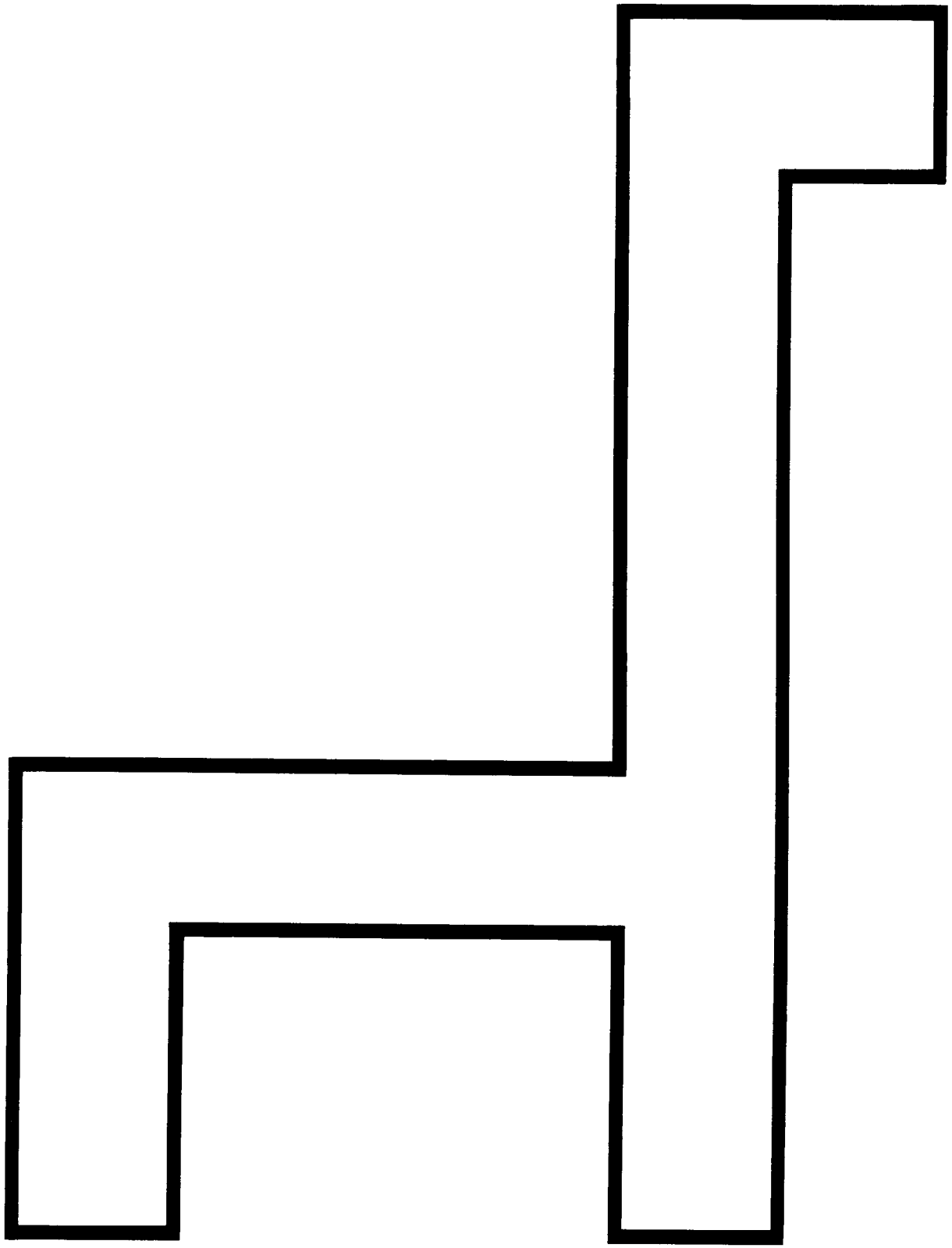

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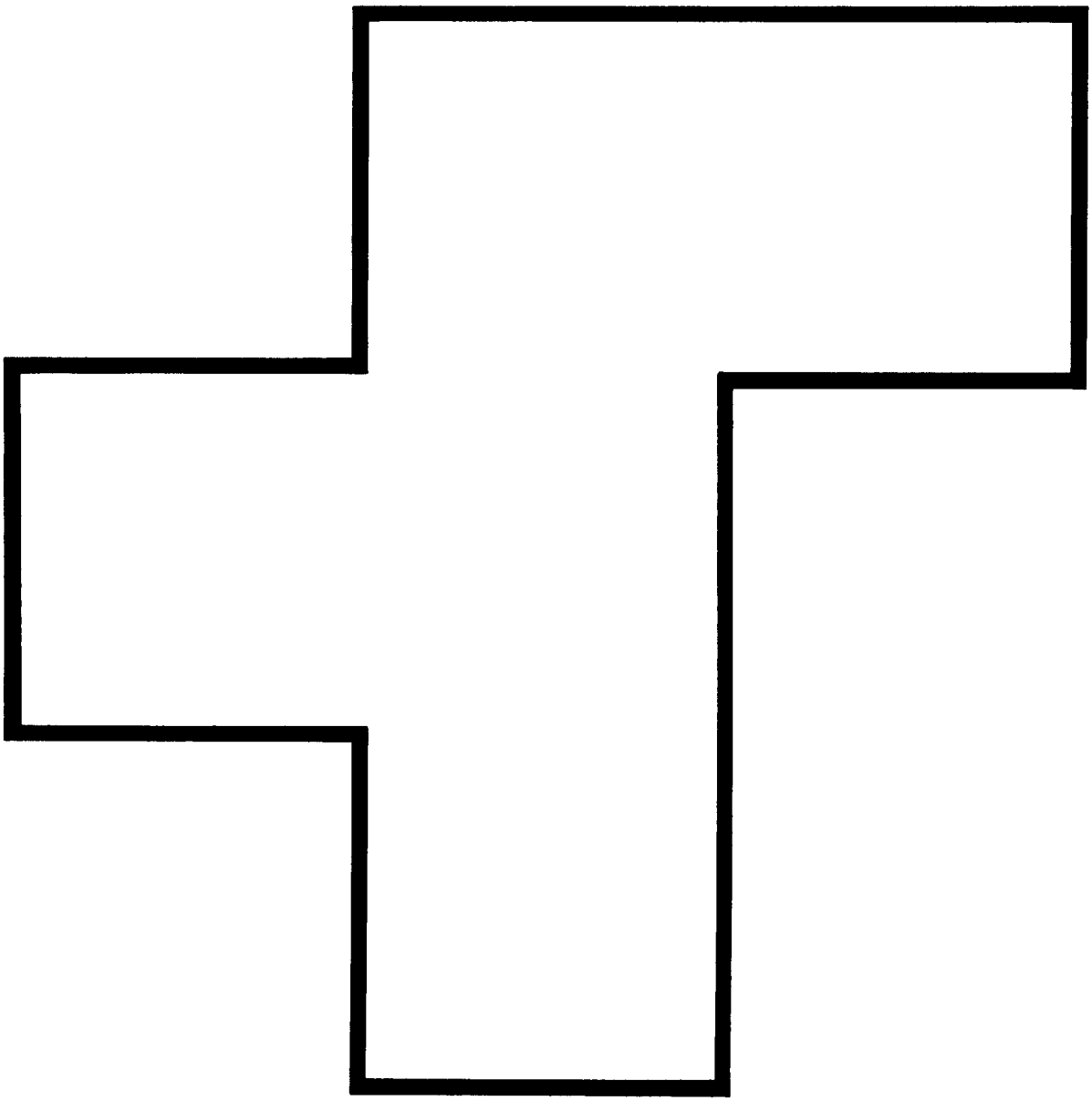

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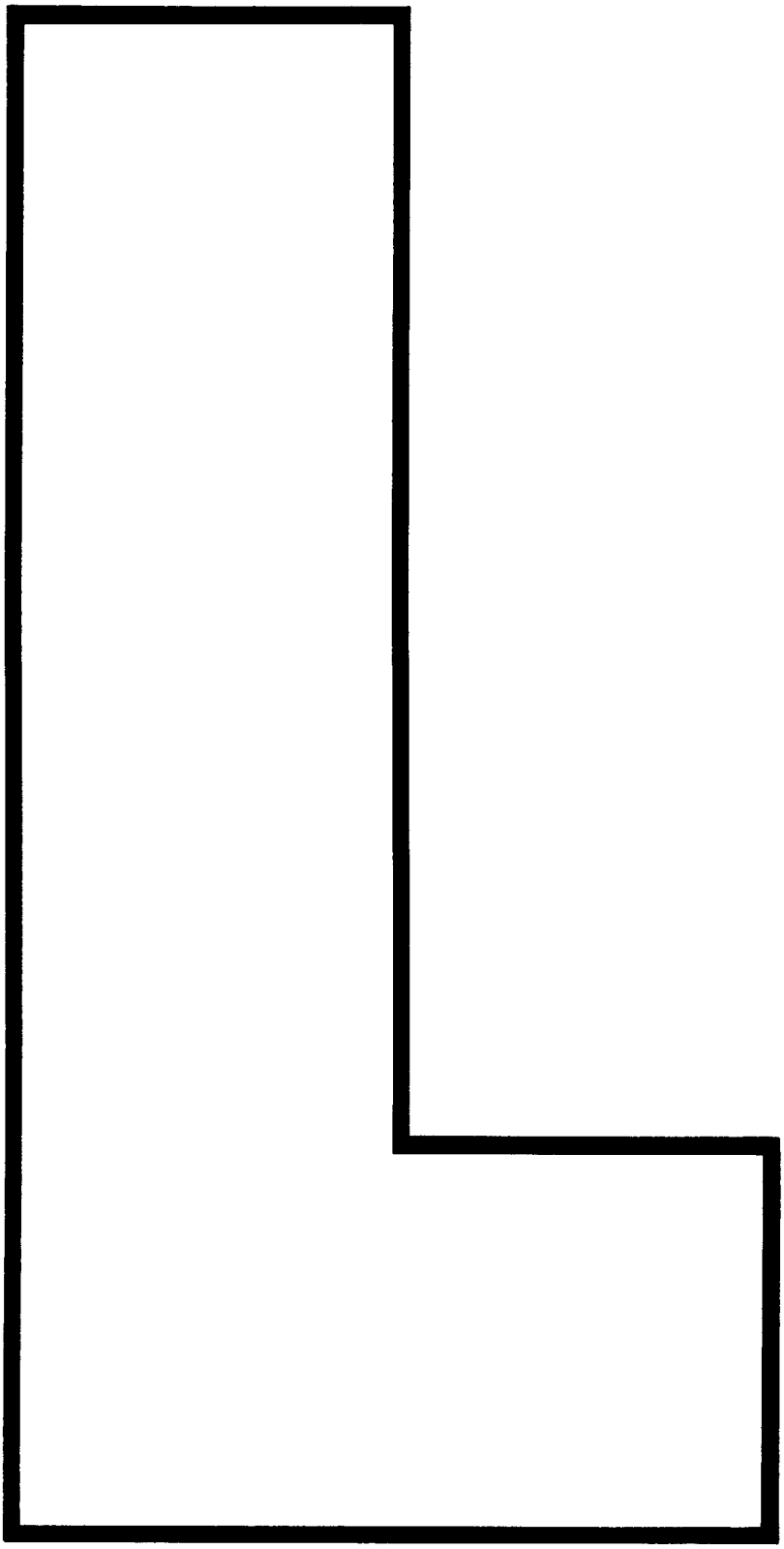

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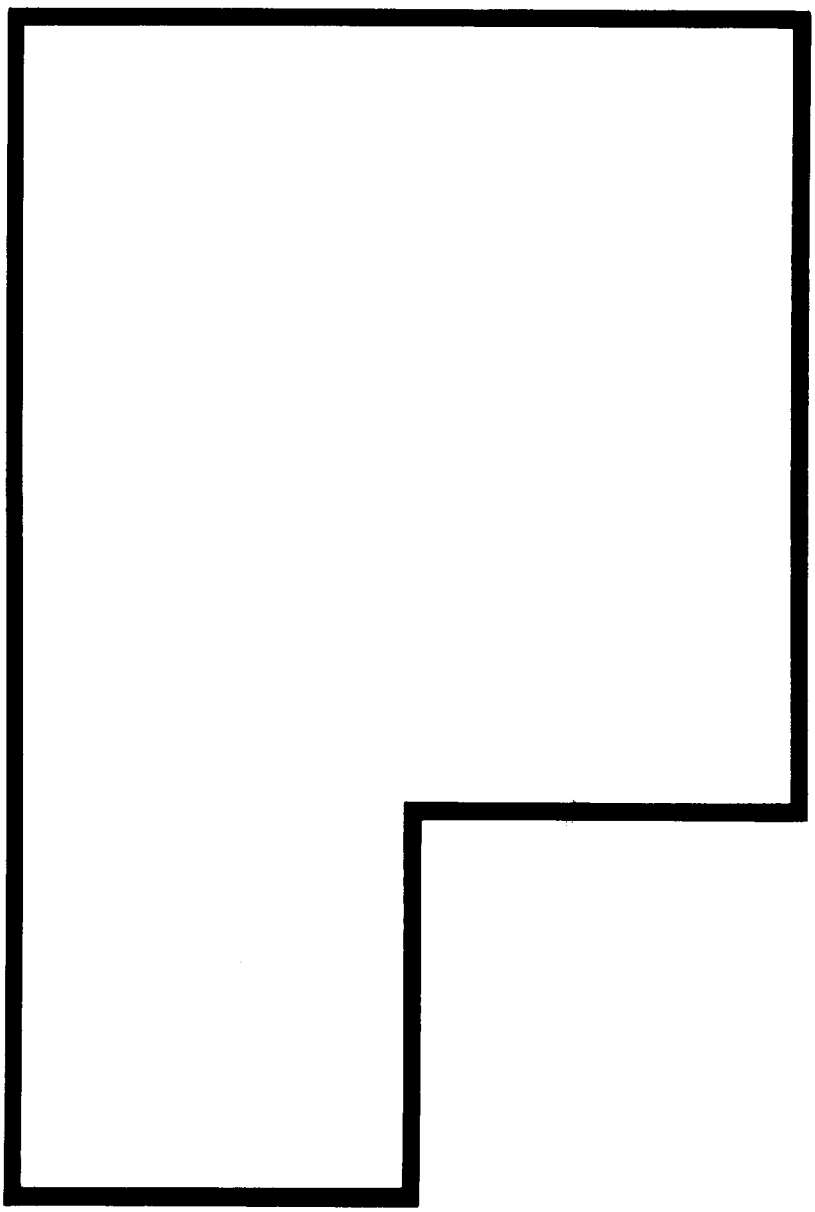

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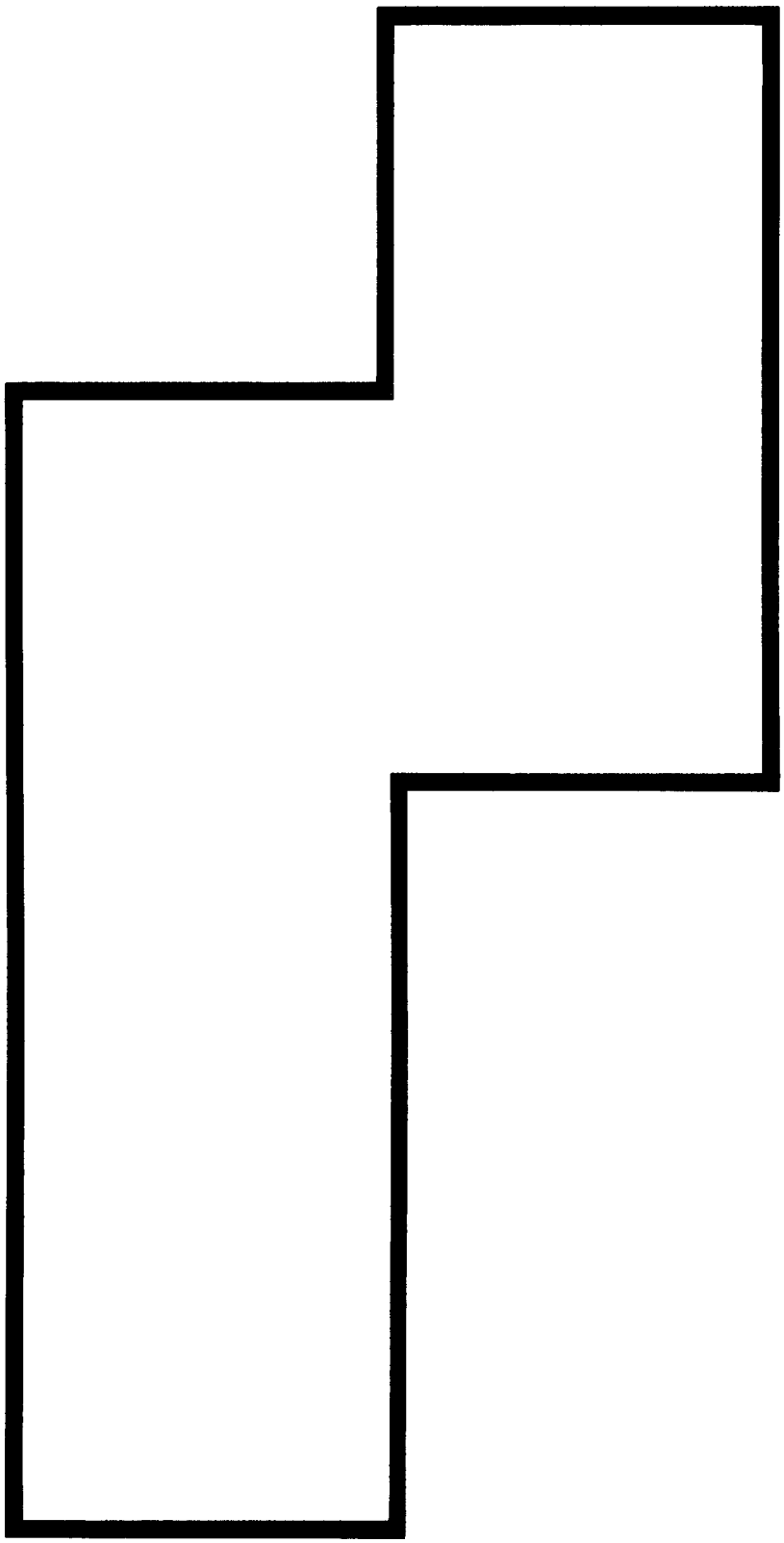

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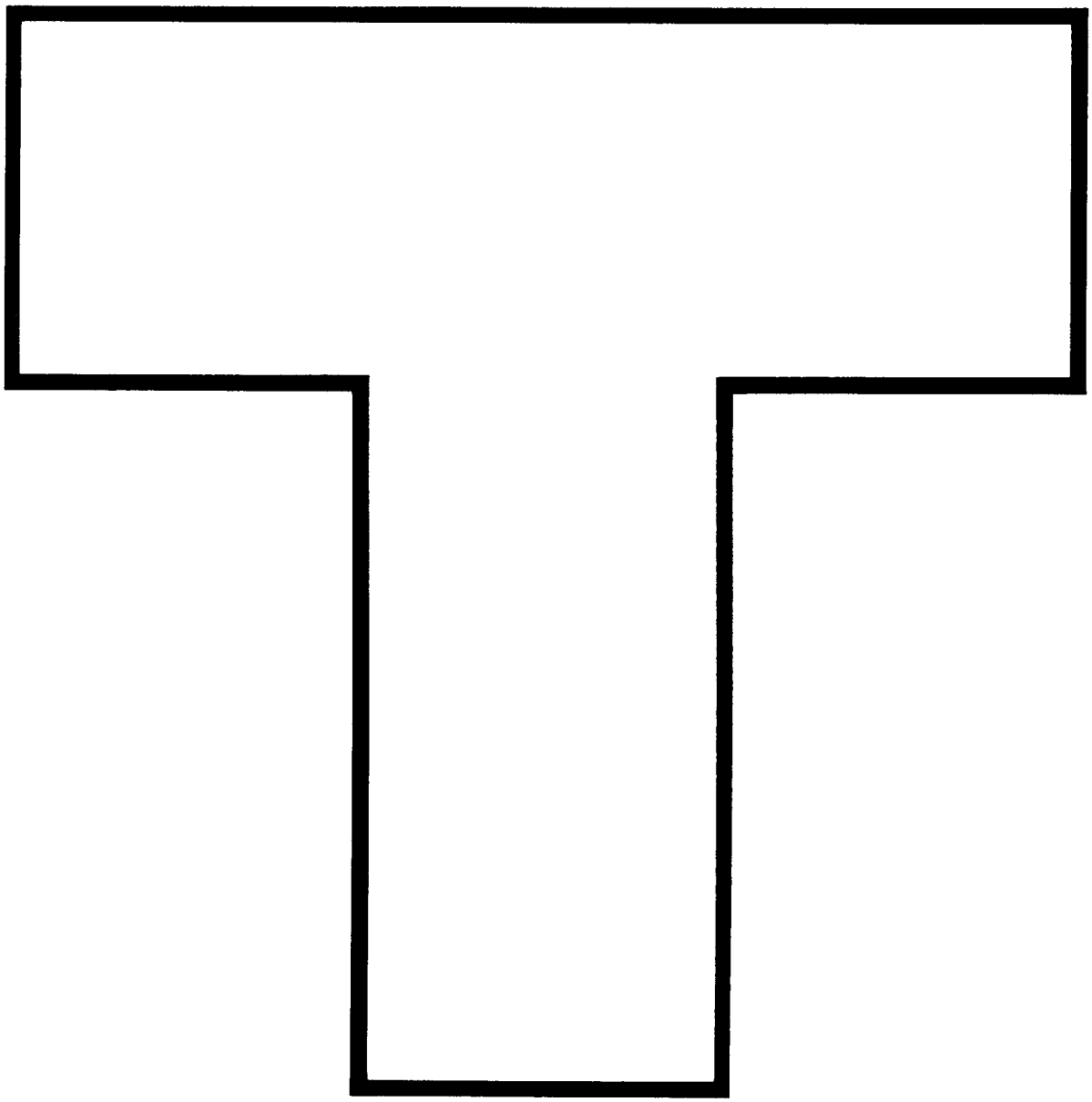

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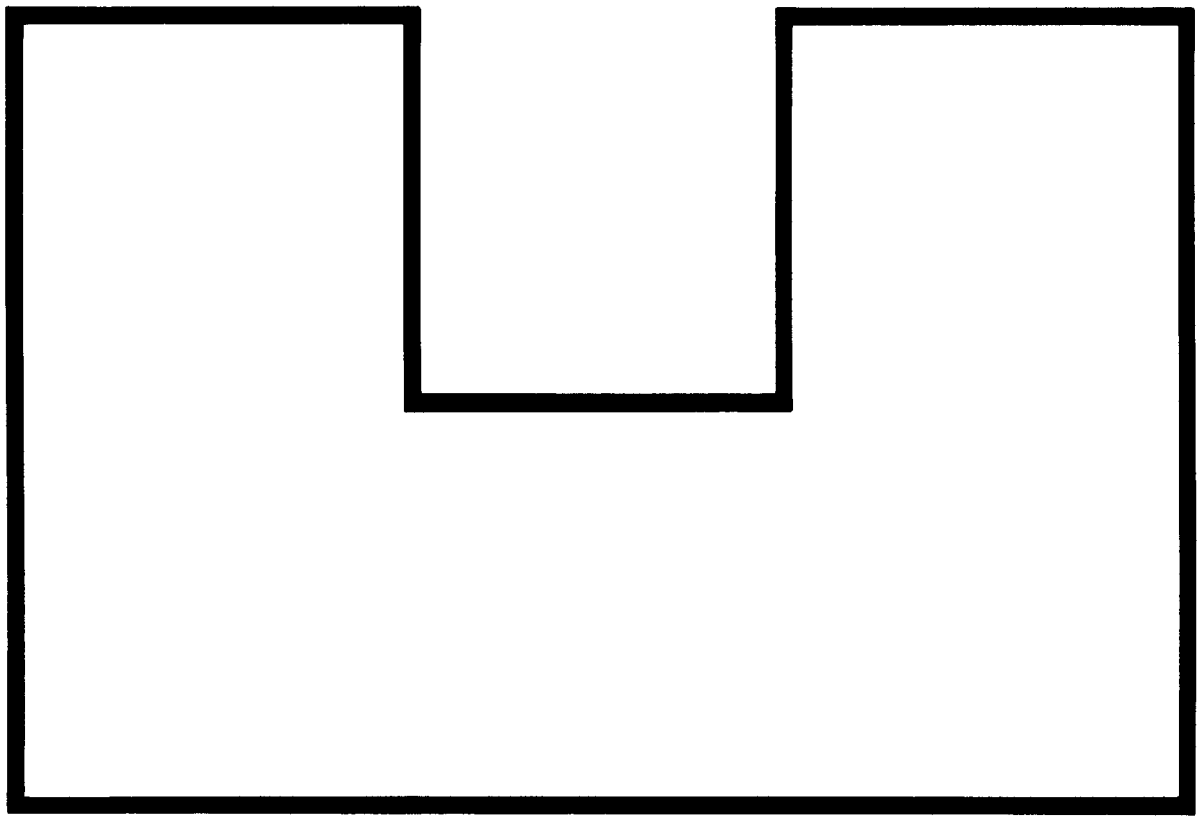

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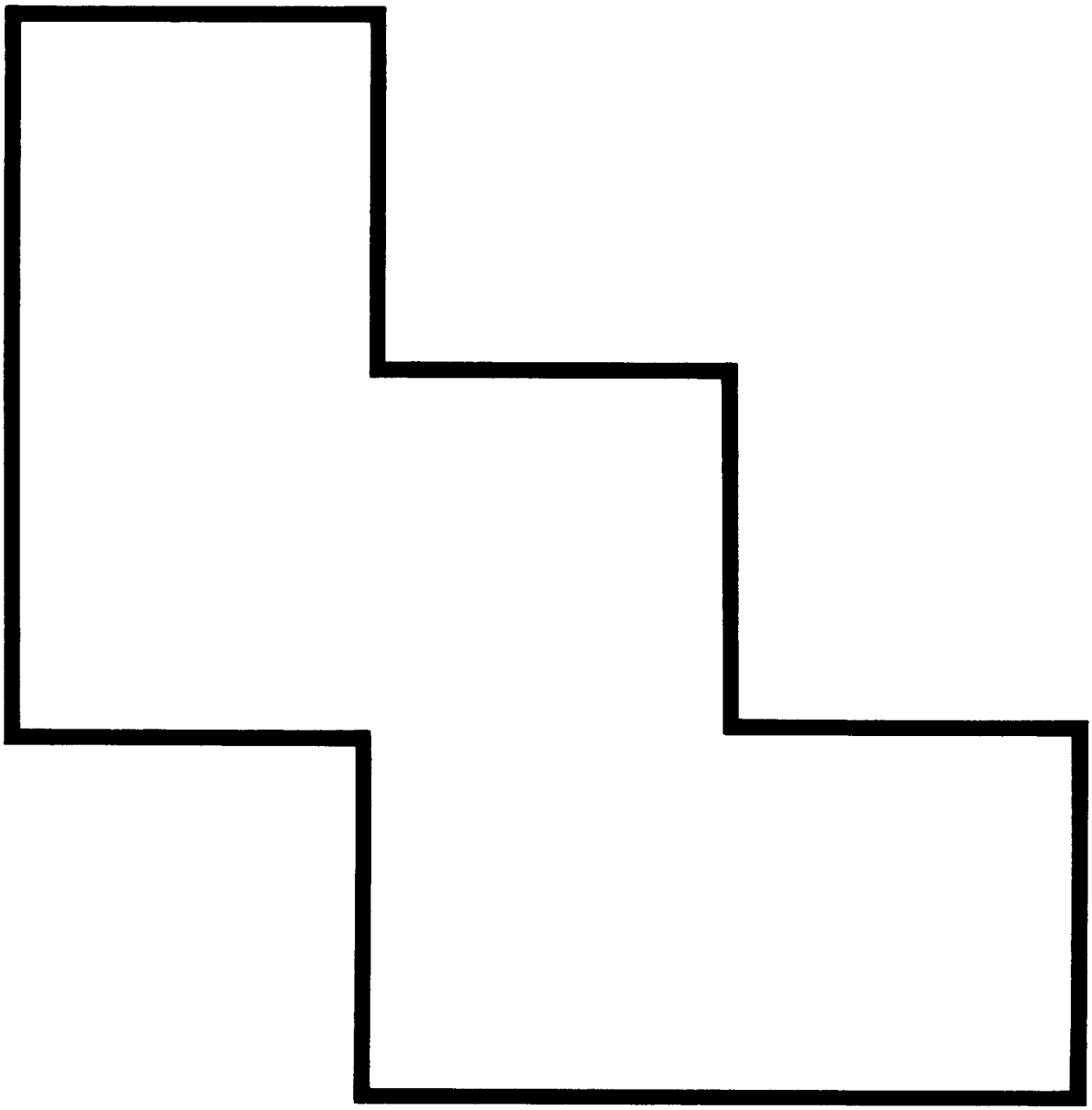

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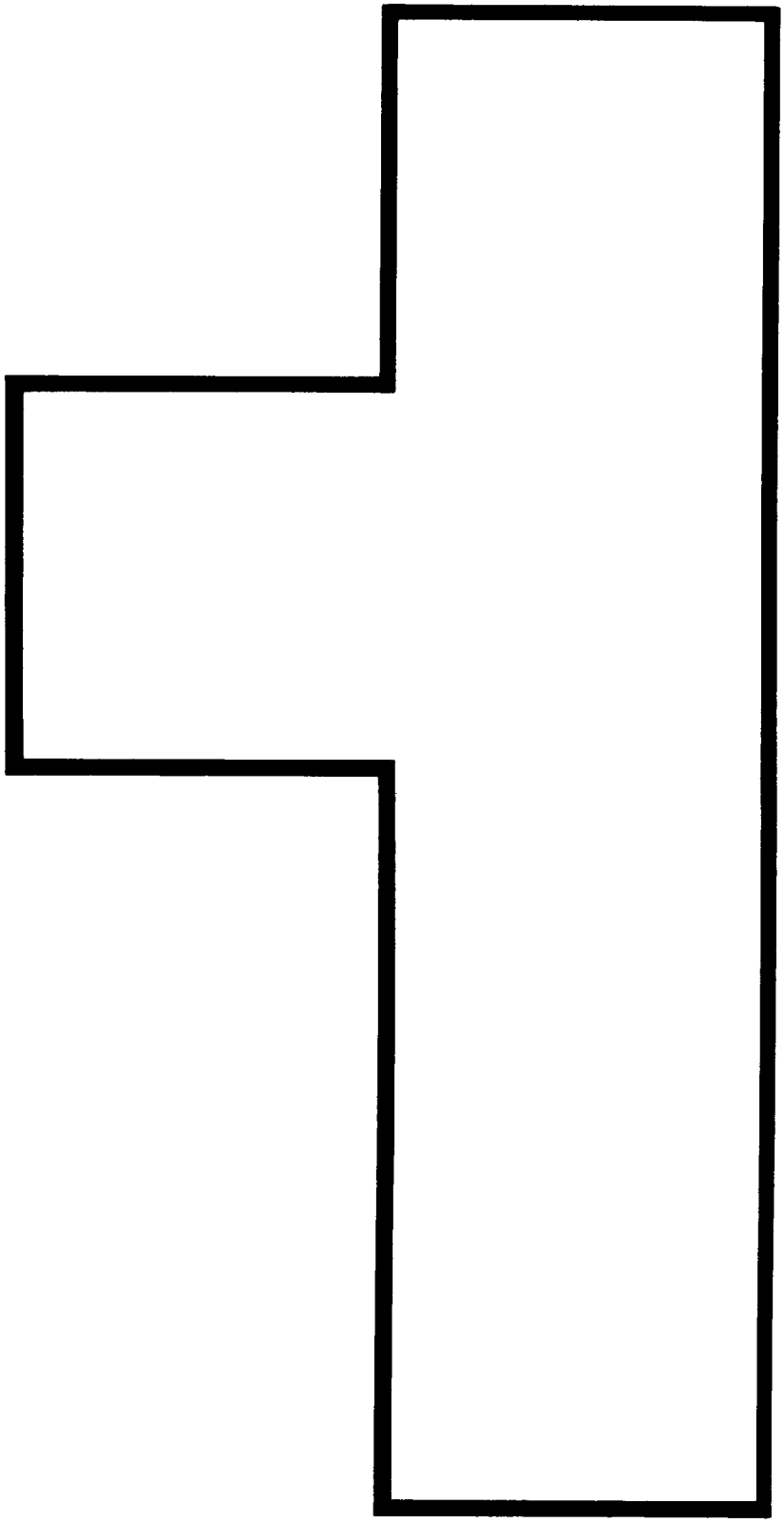

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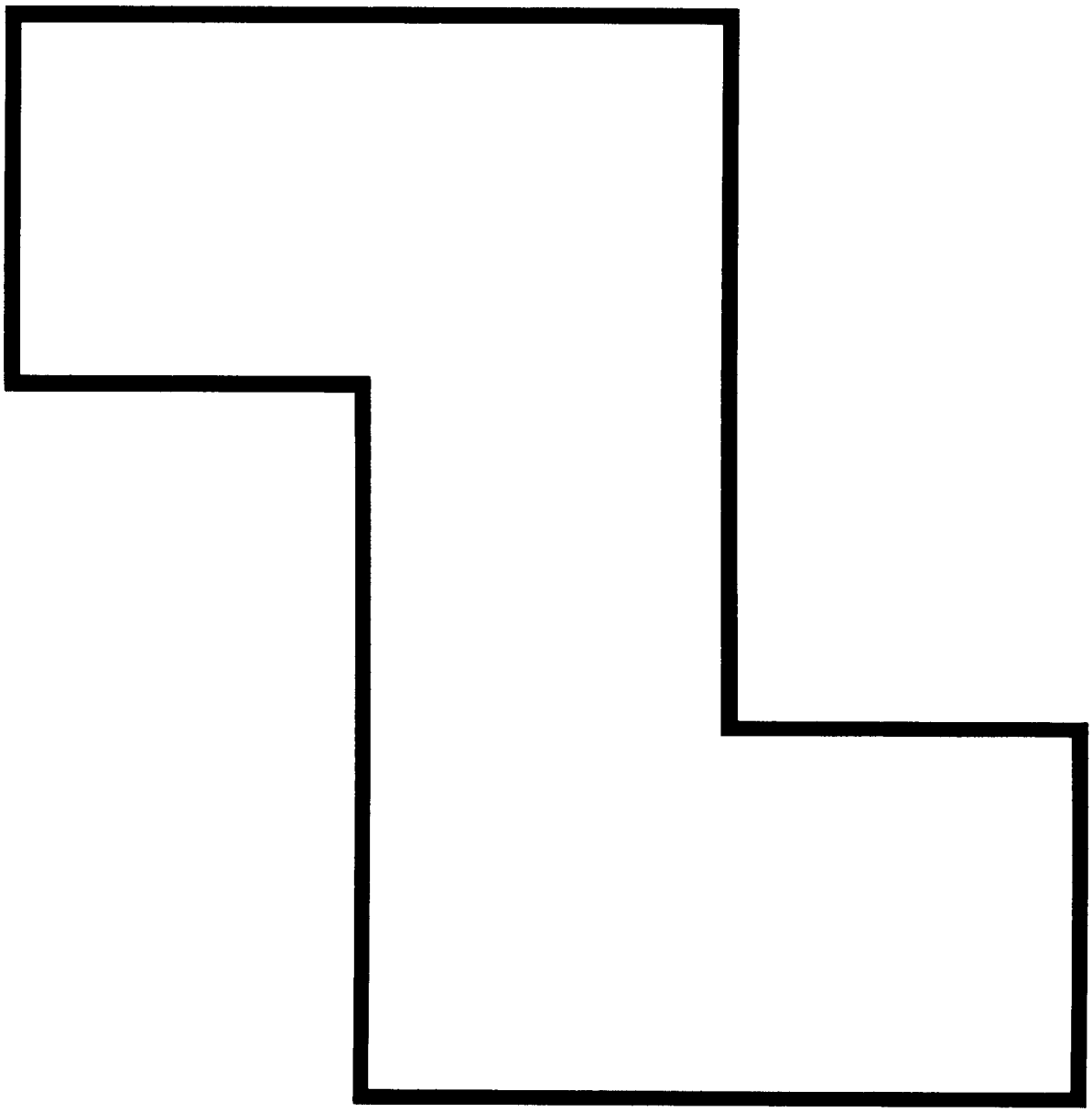

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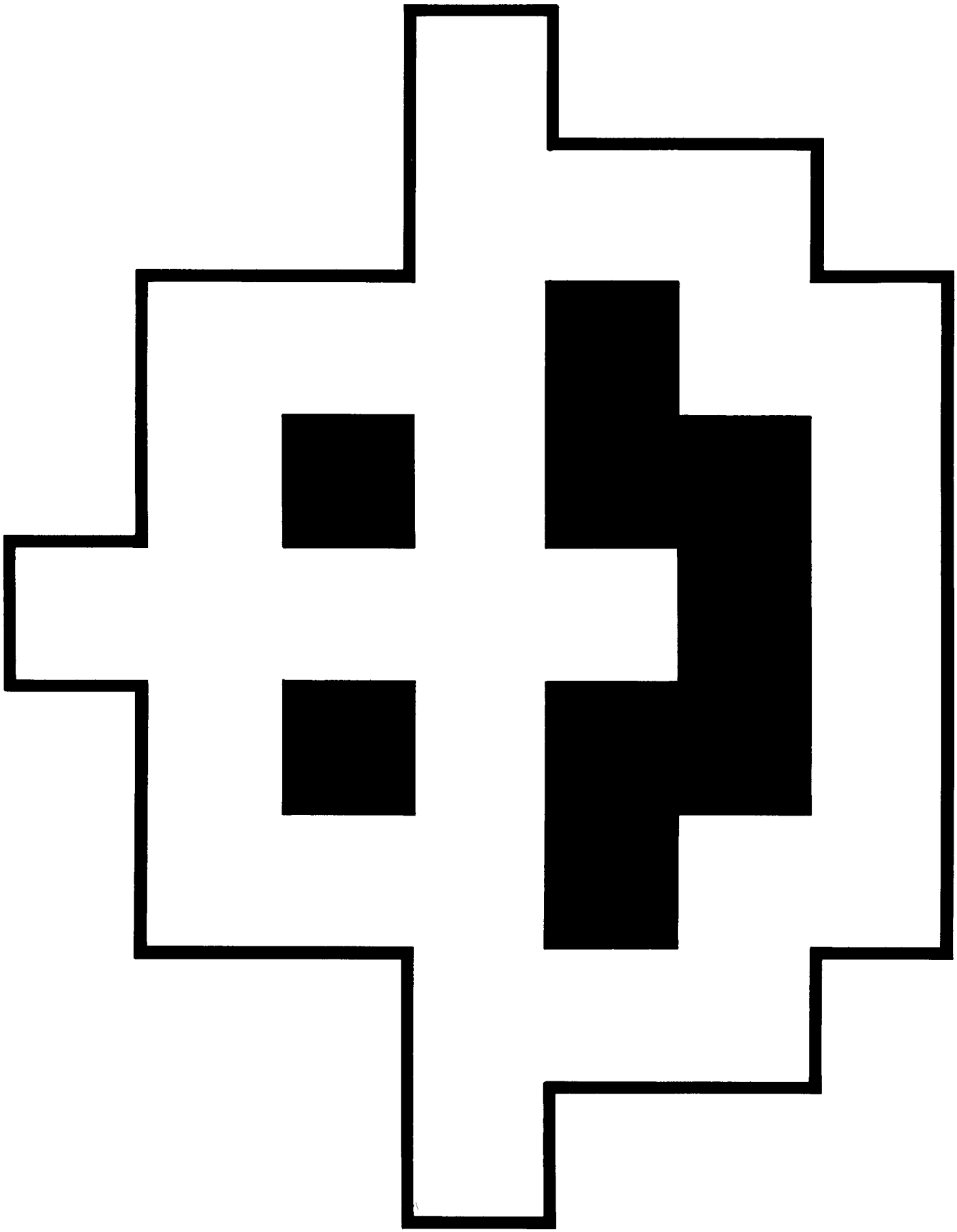

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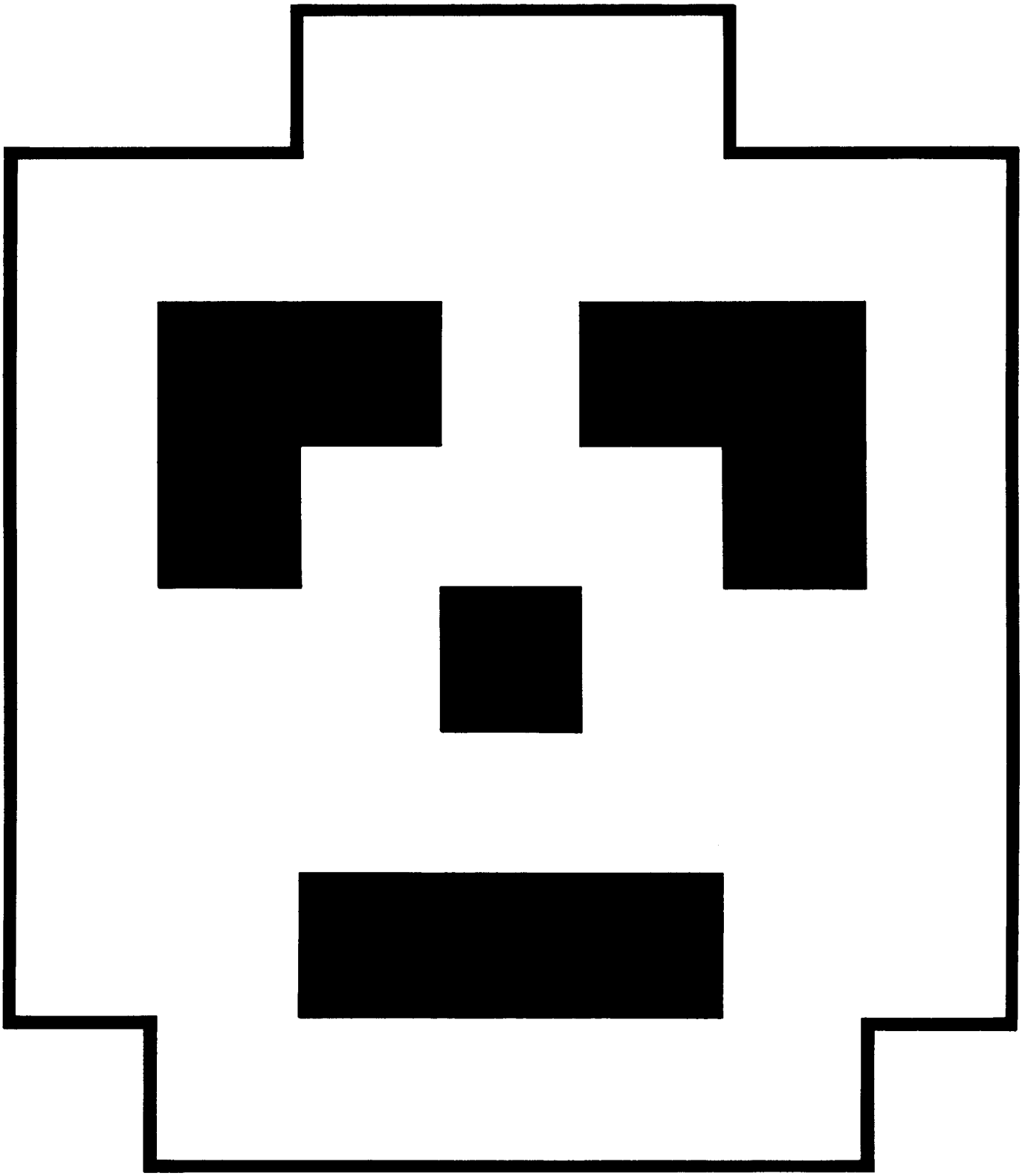

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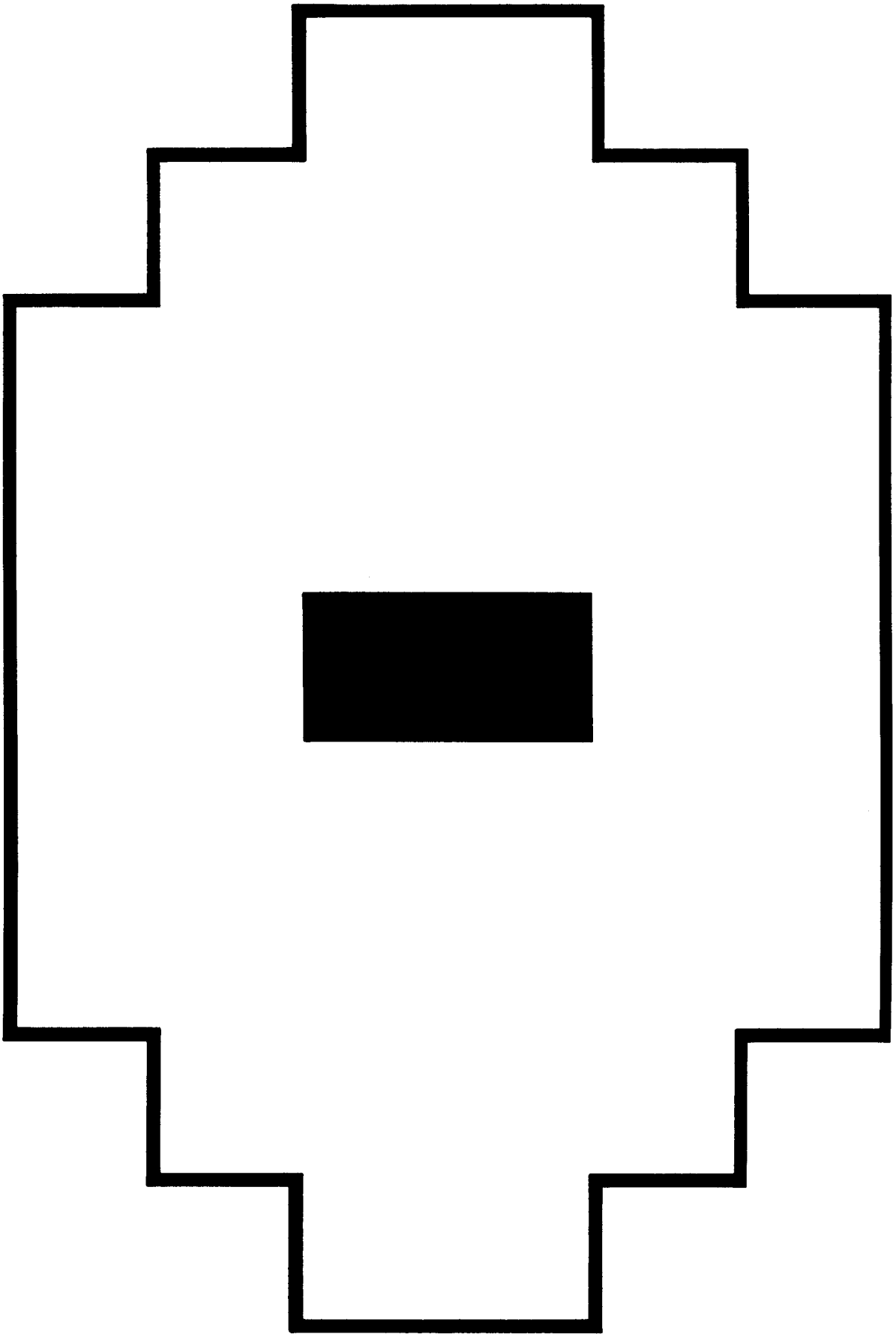

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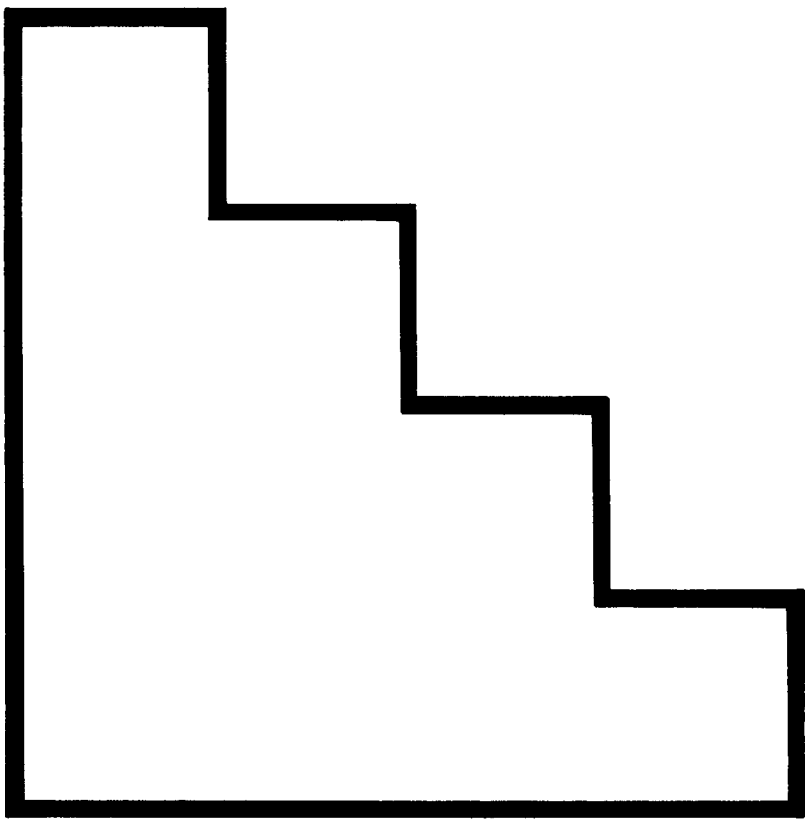

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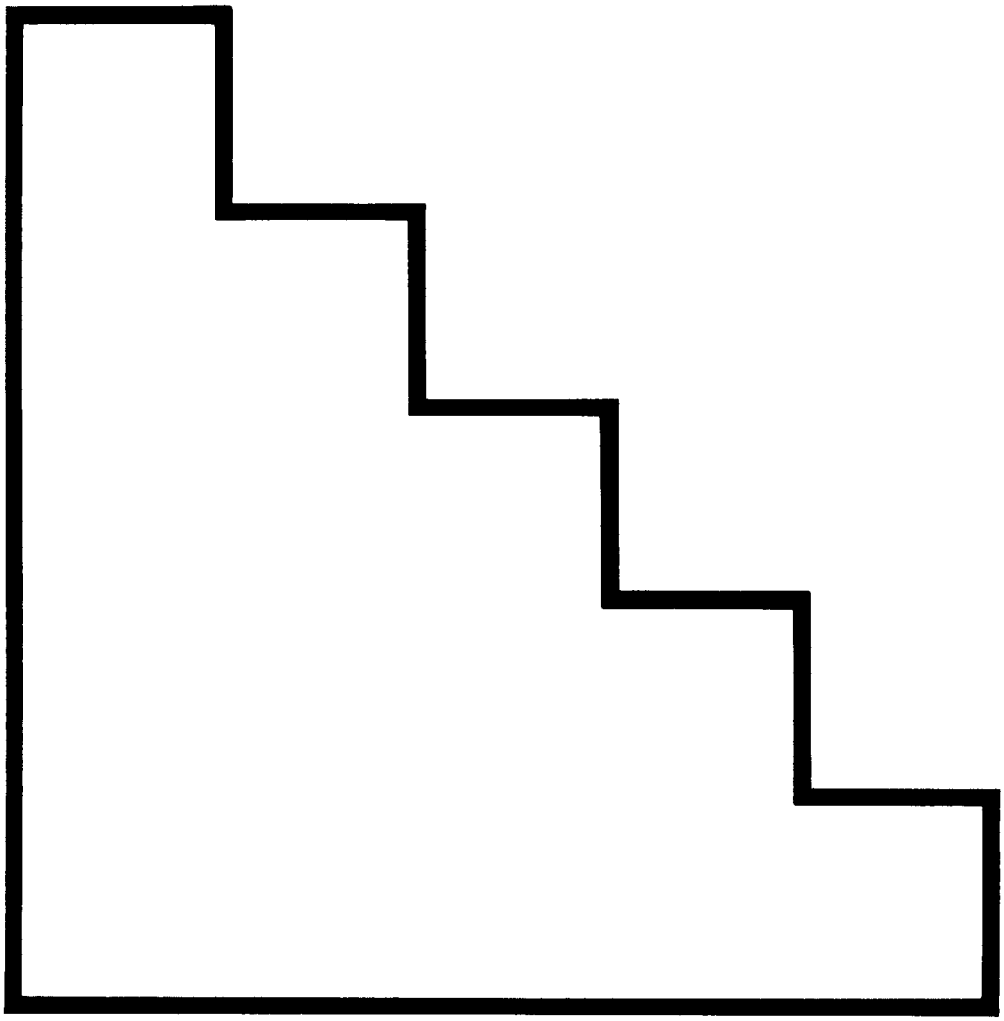

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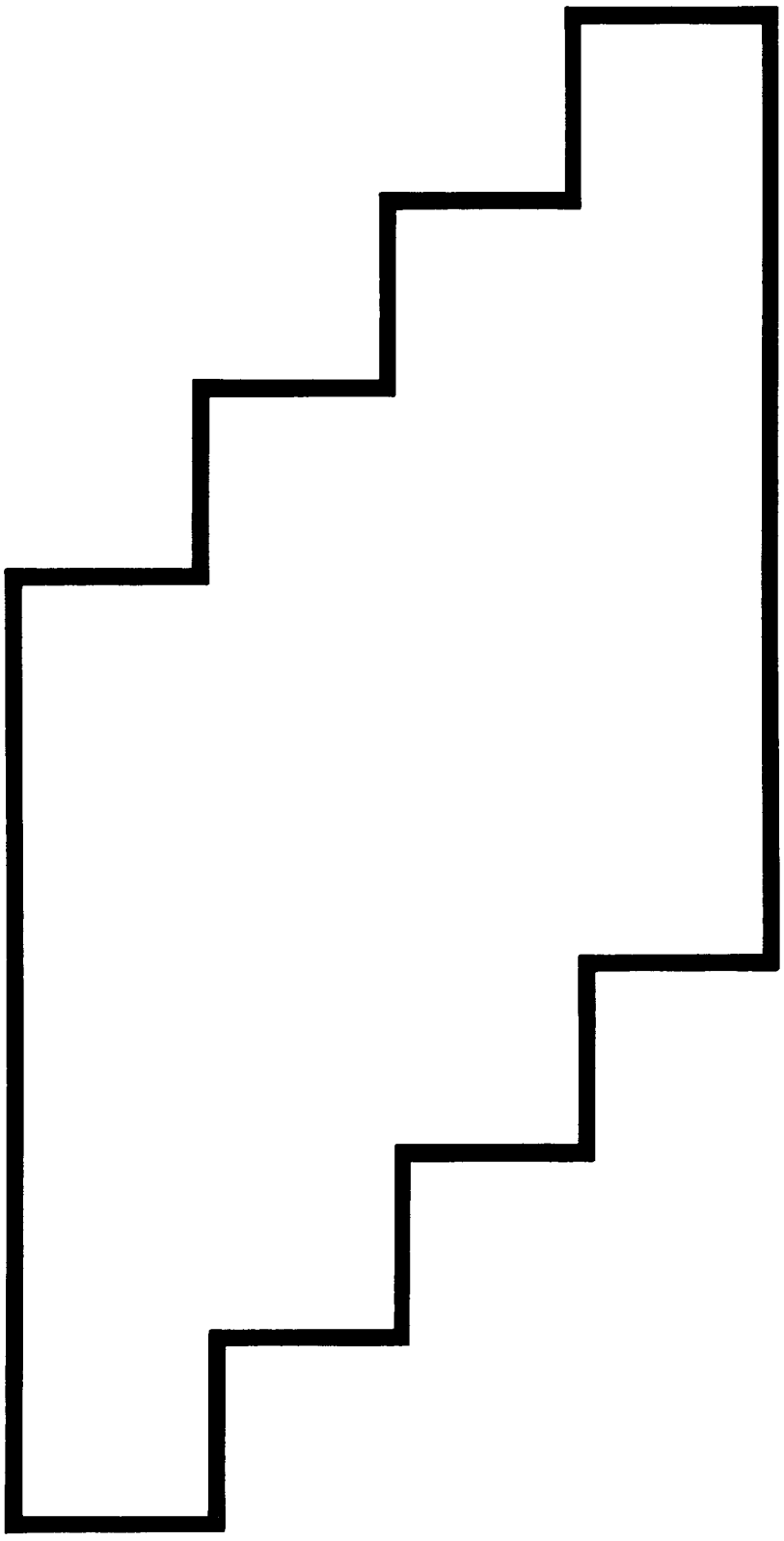

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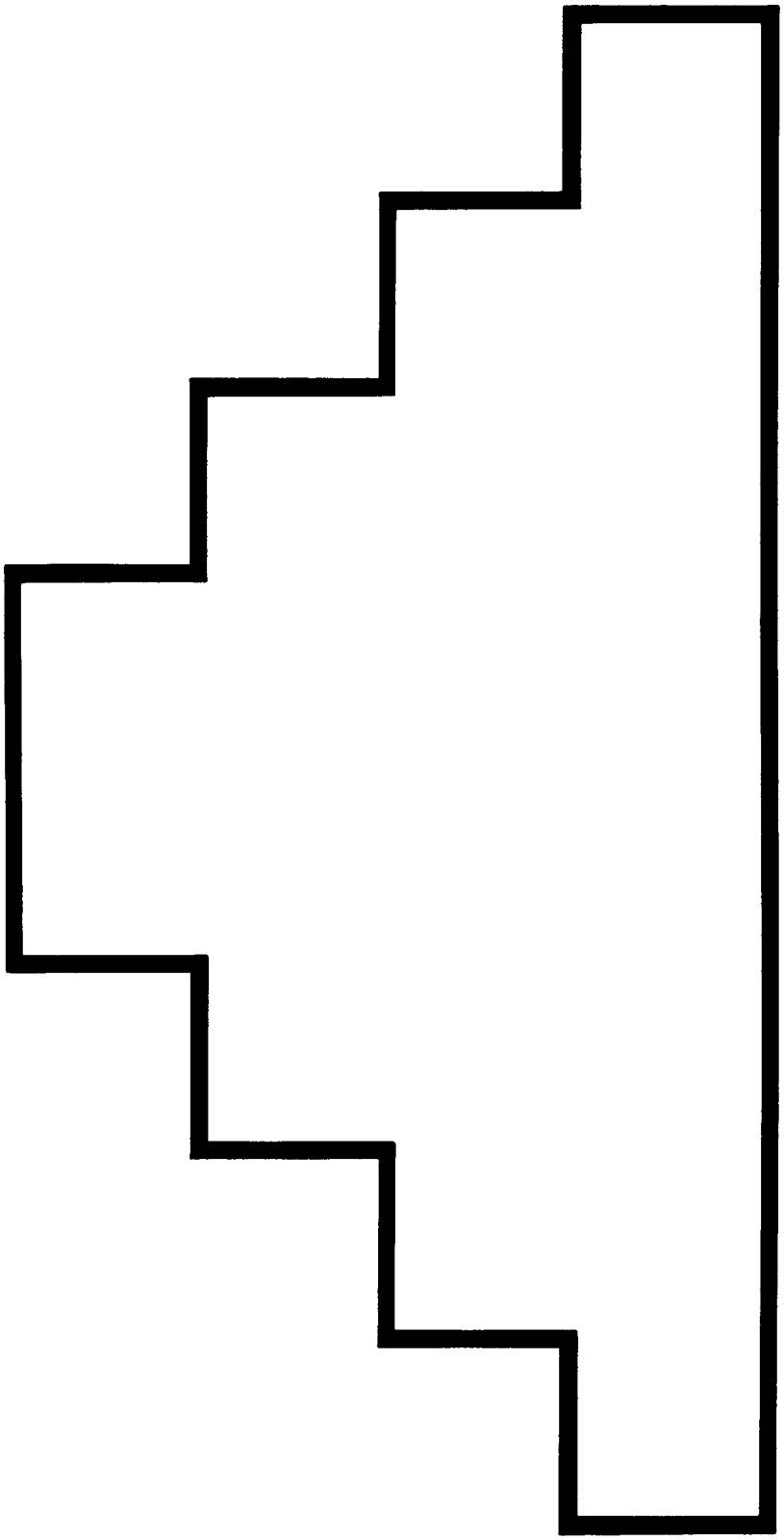

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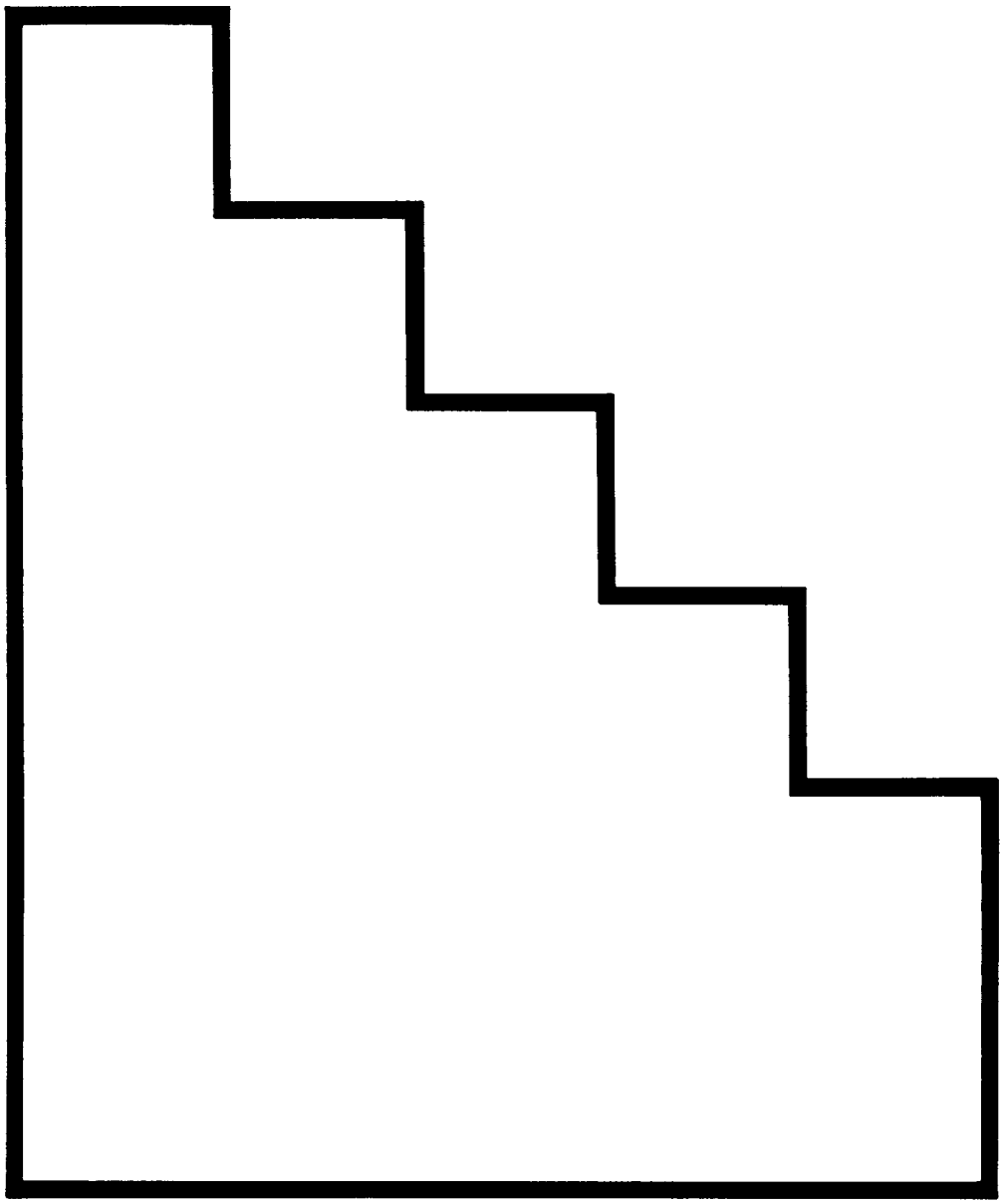

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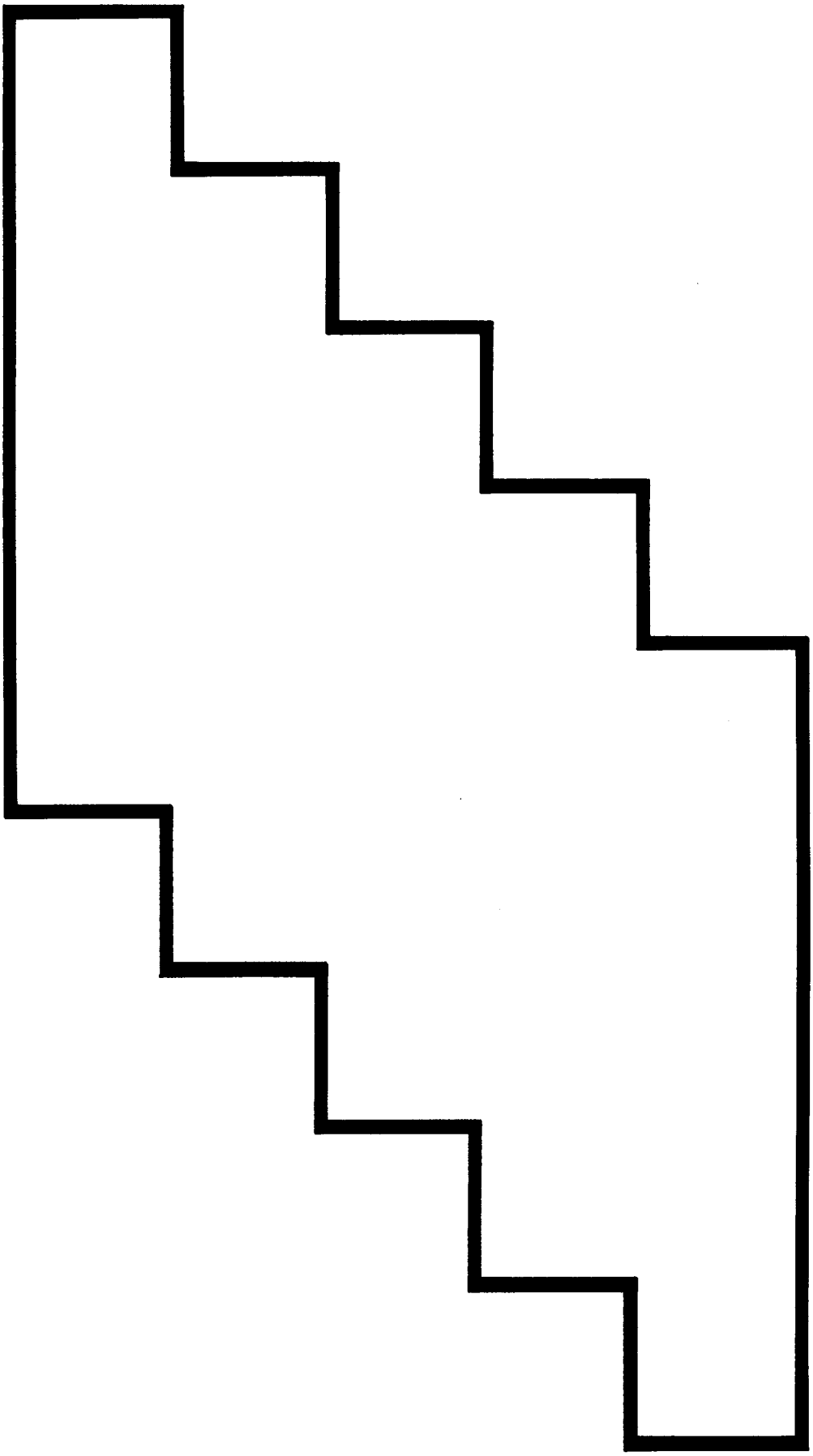

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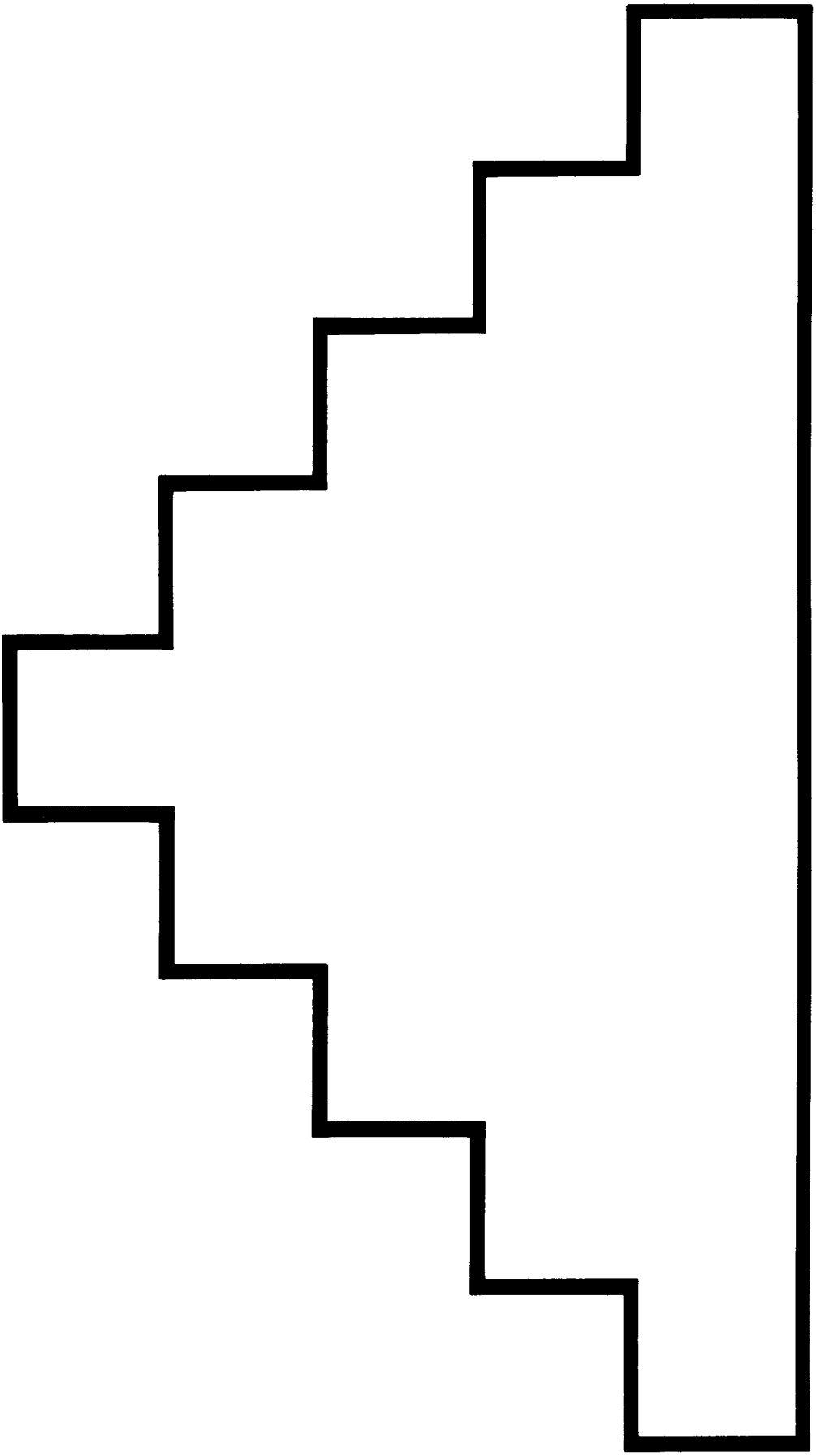

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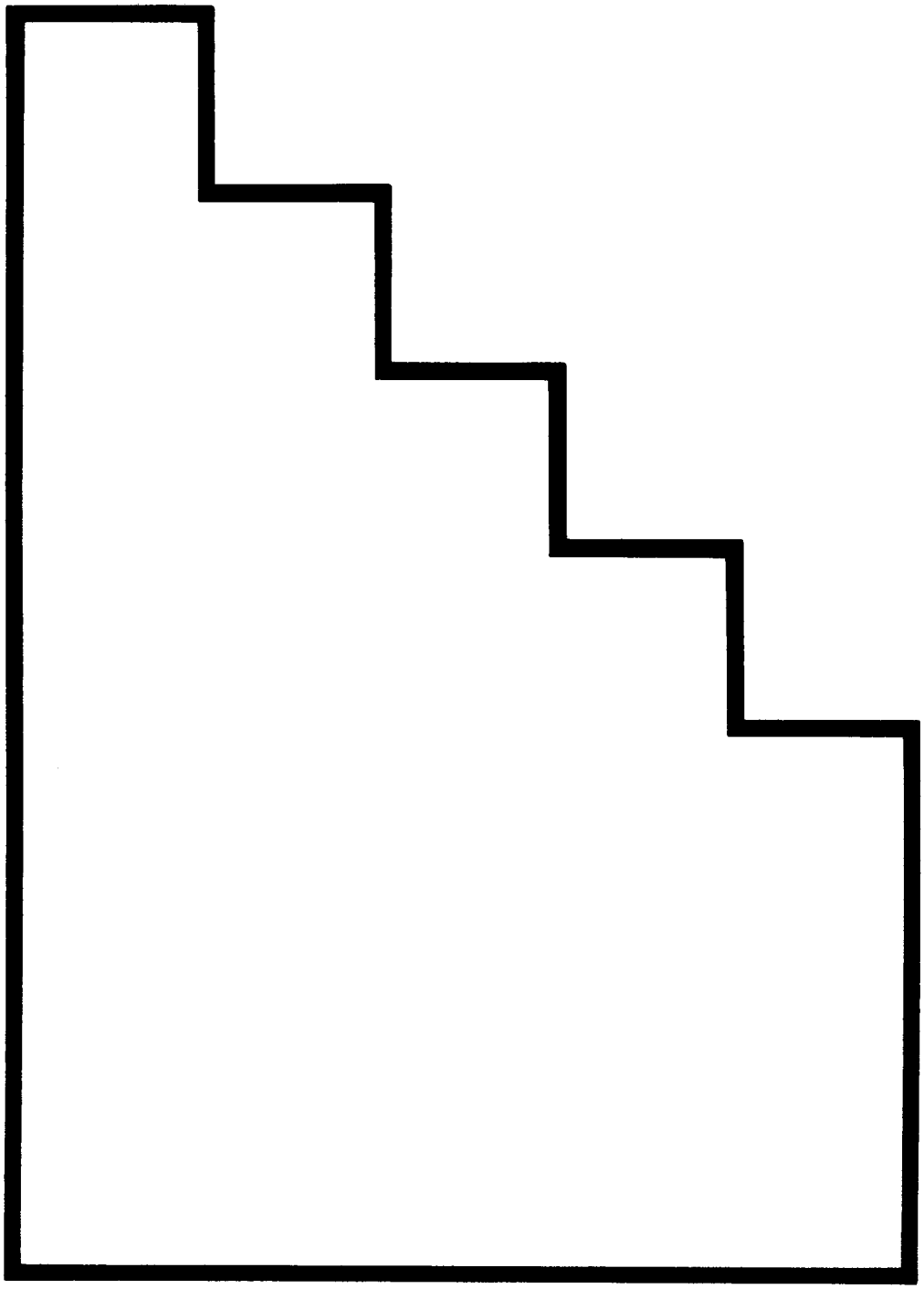

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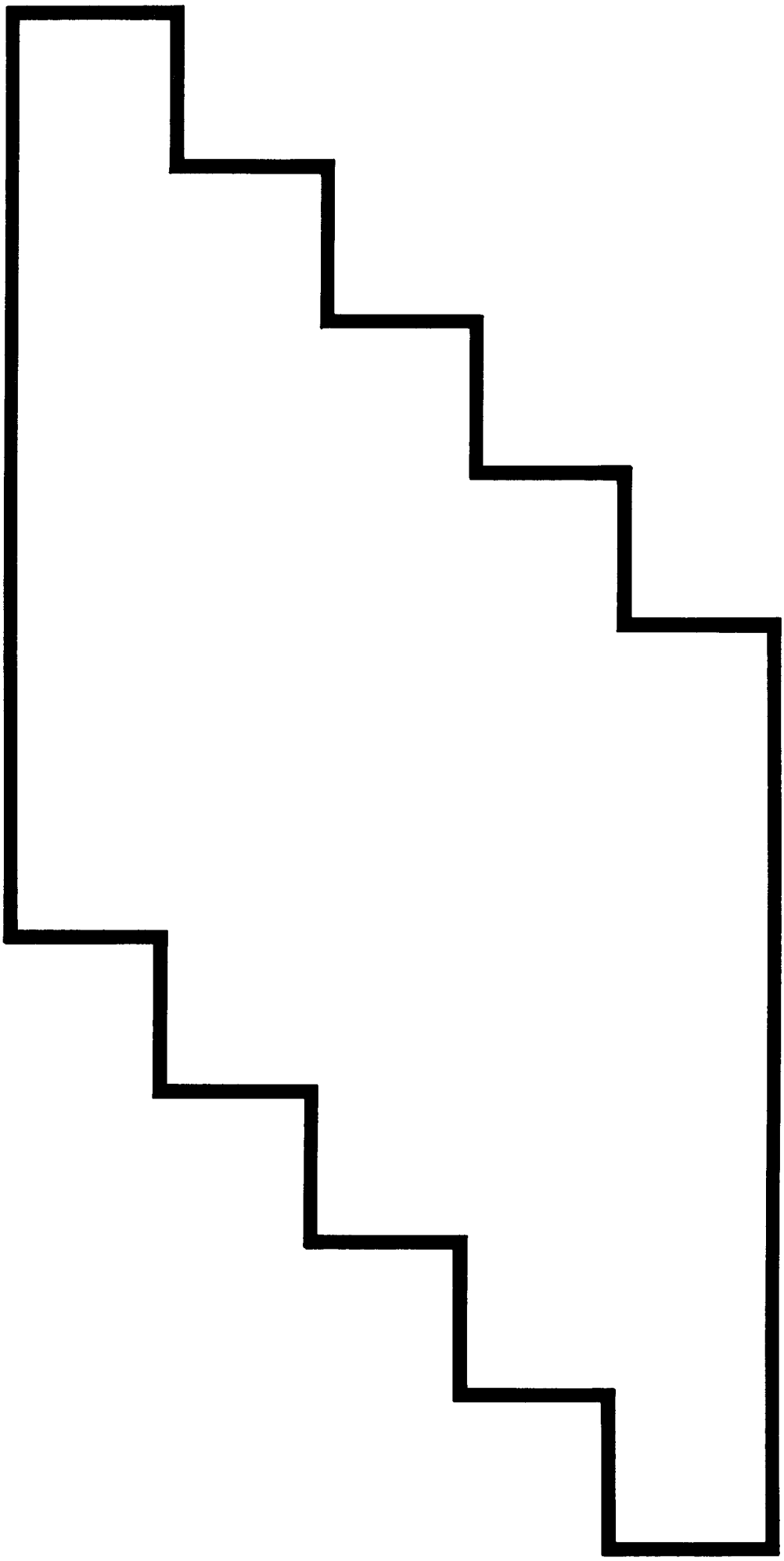

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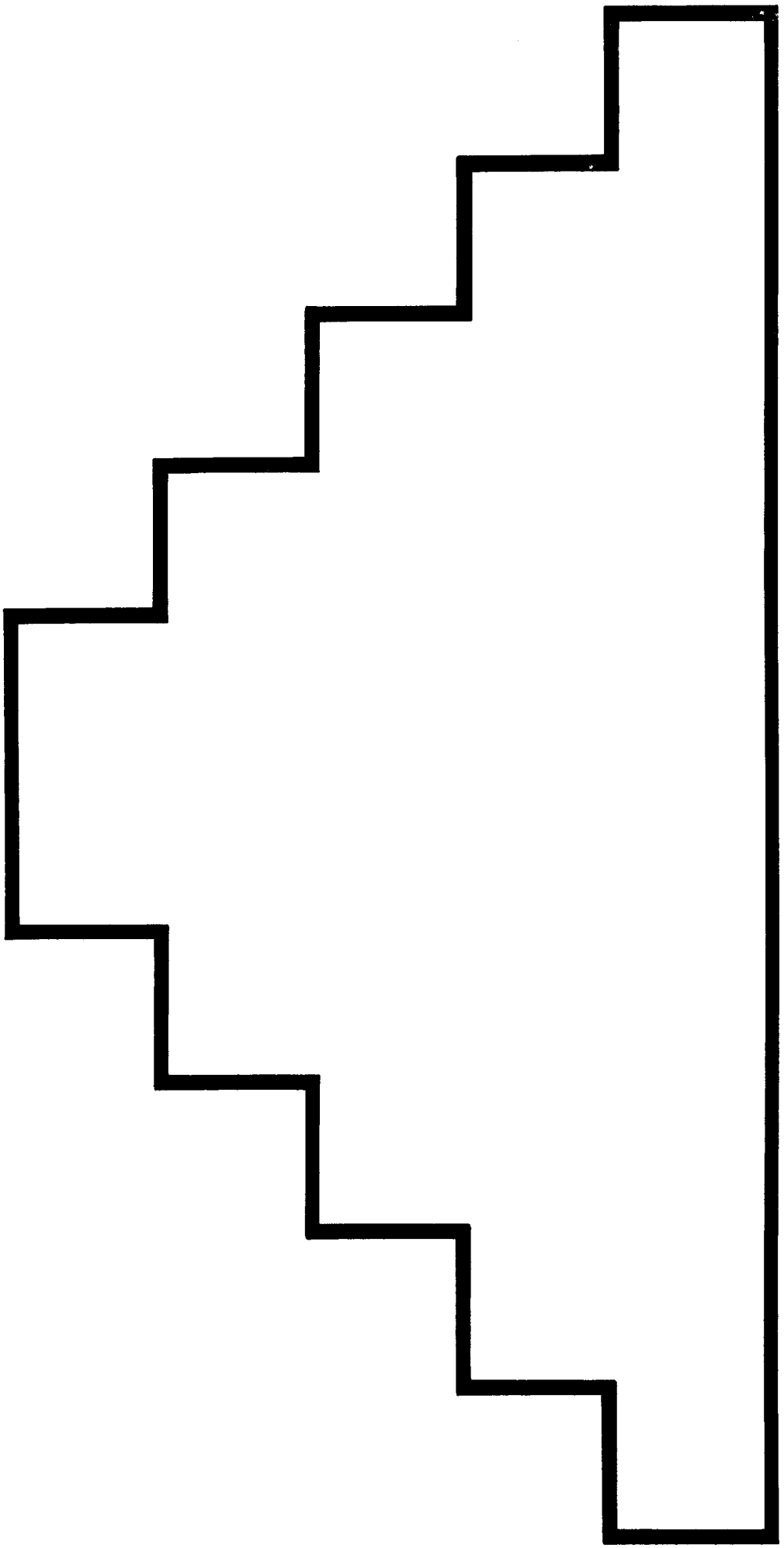

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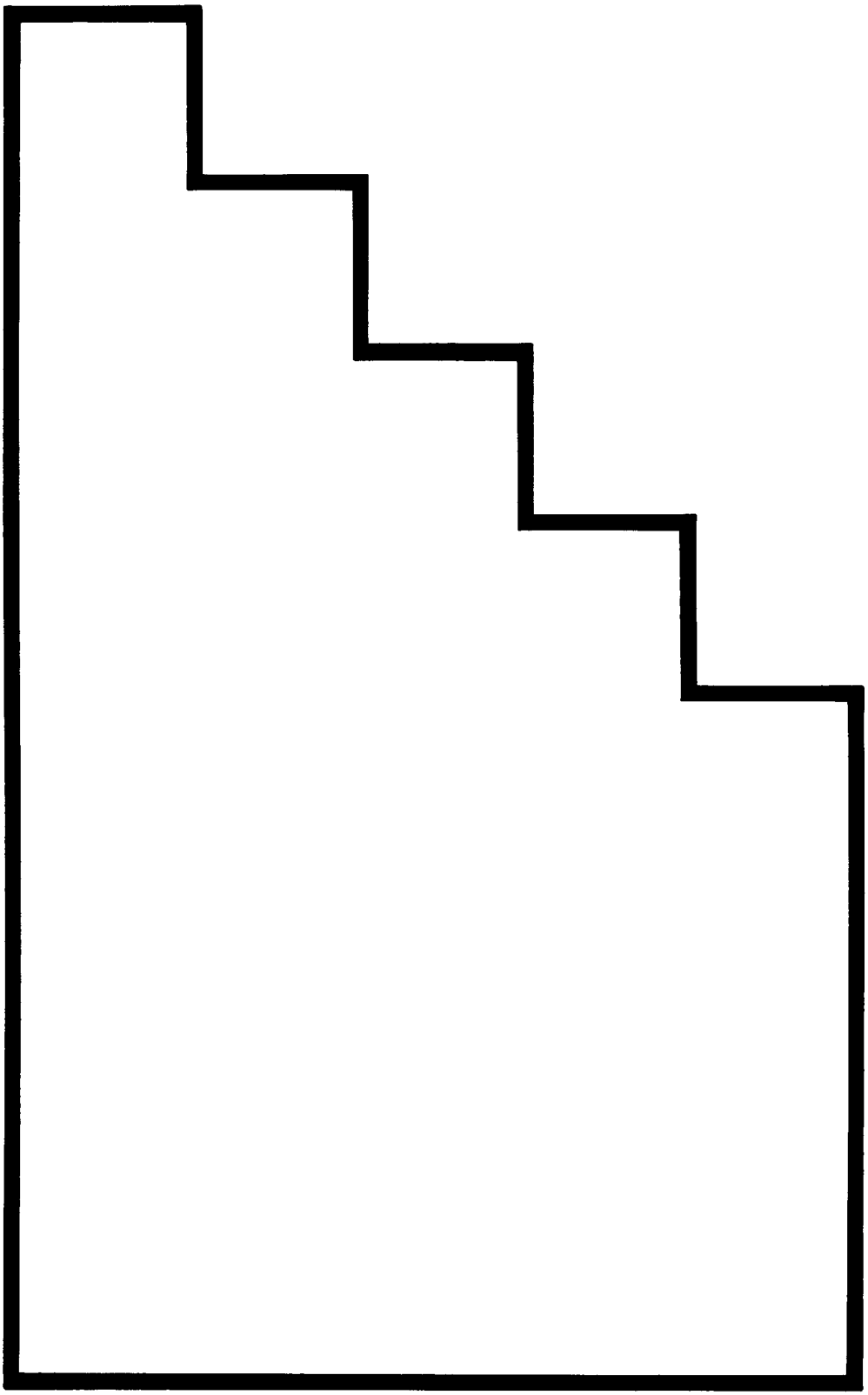

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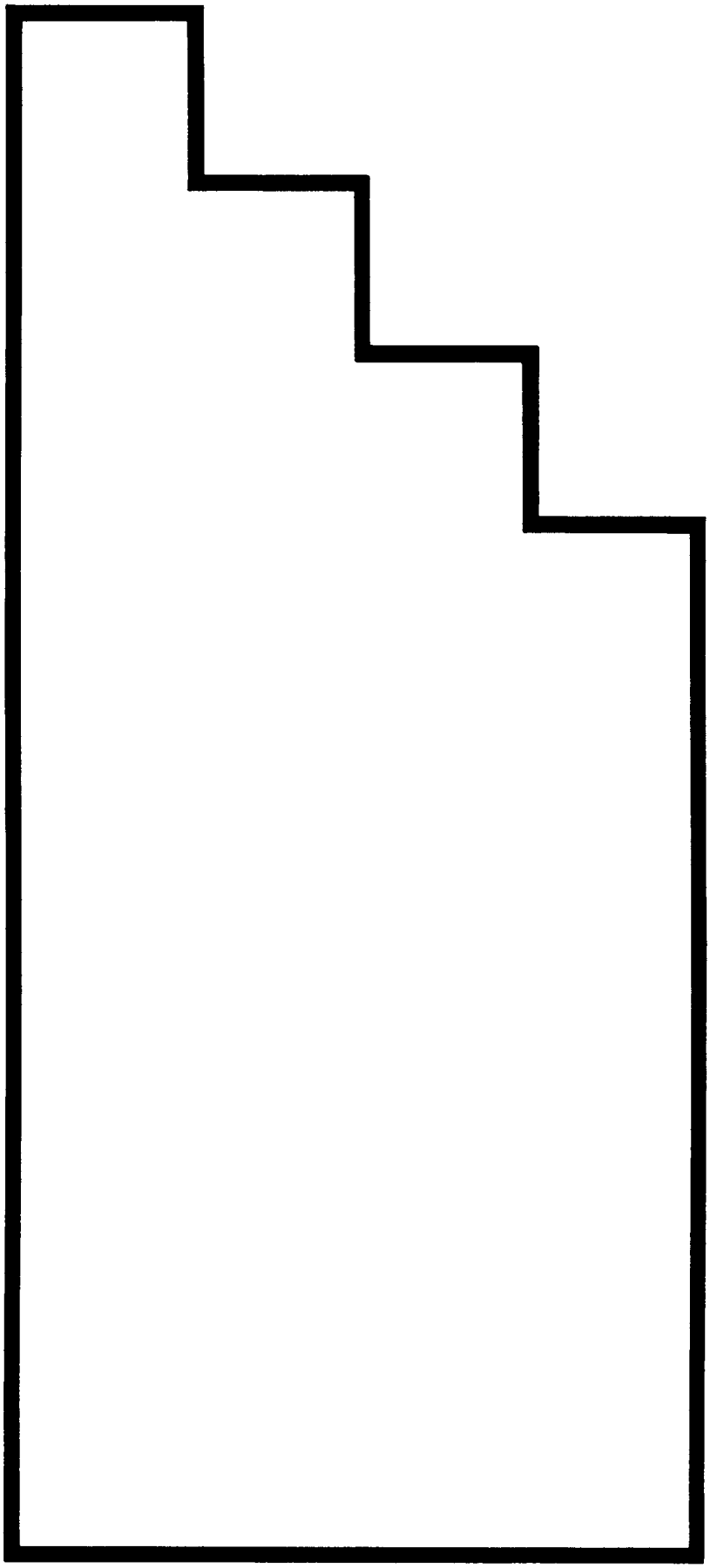

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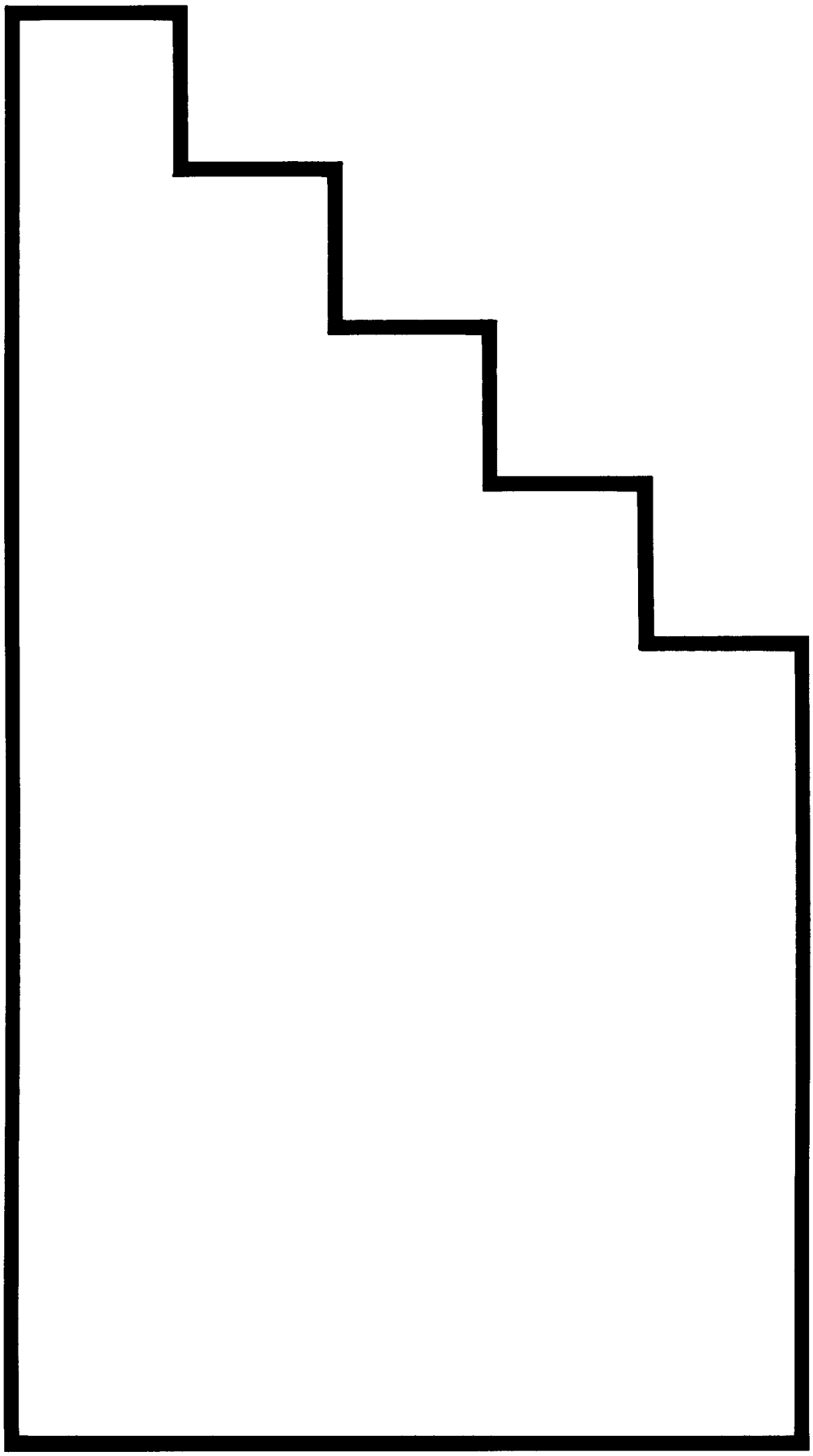

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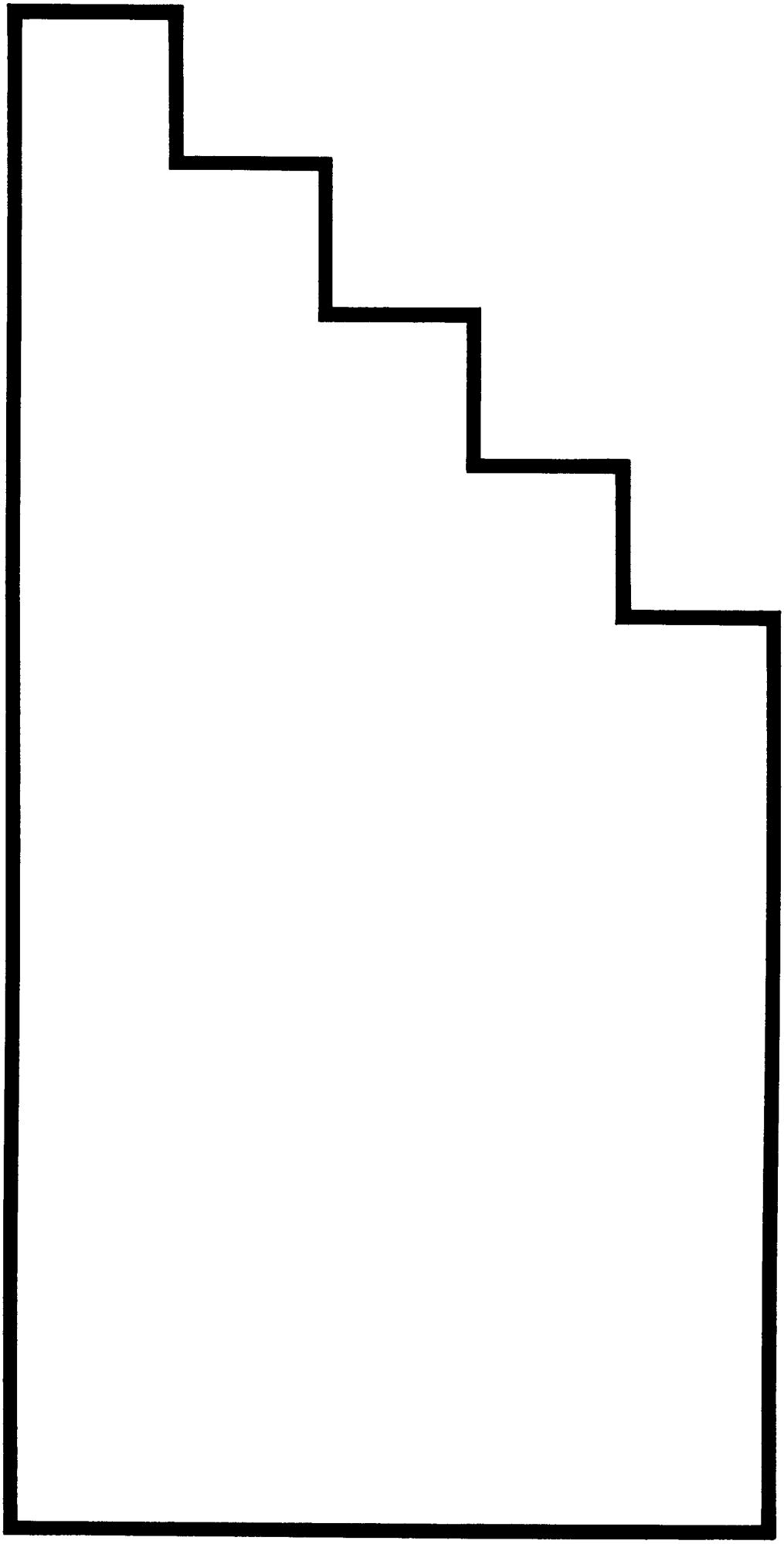

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Pentomino Cards

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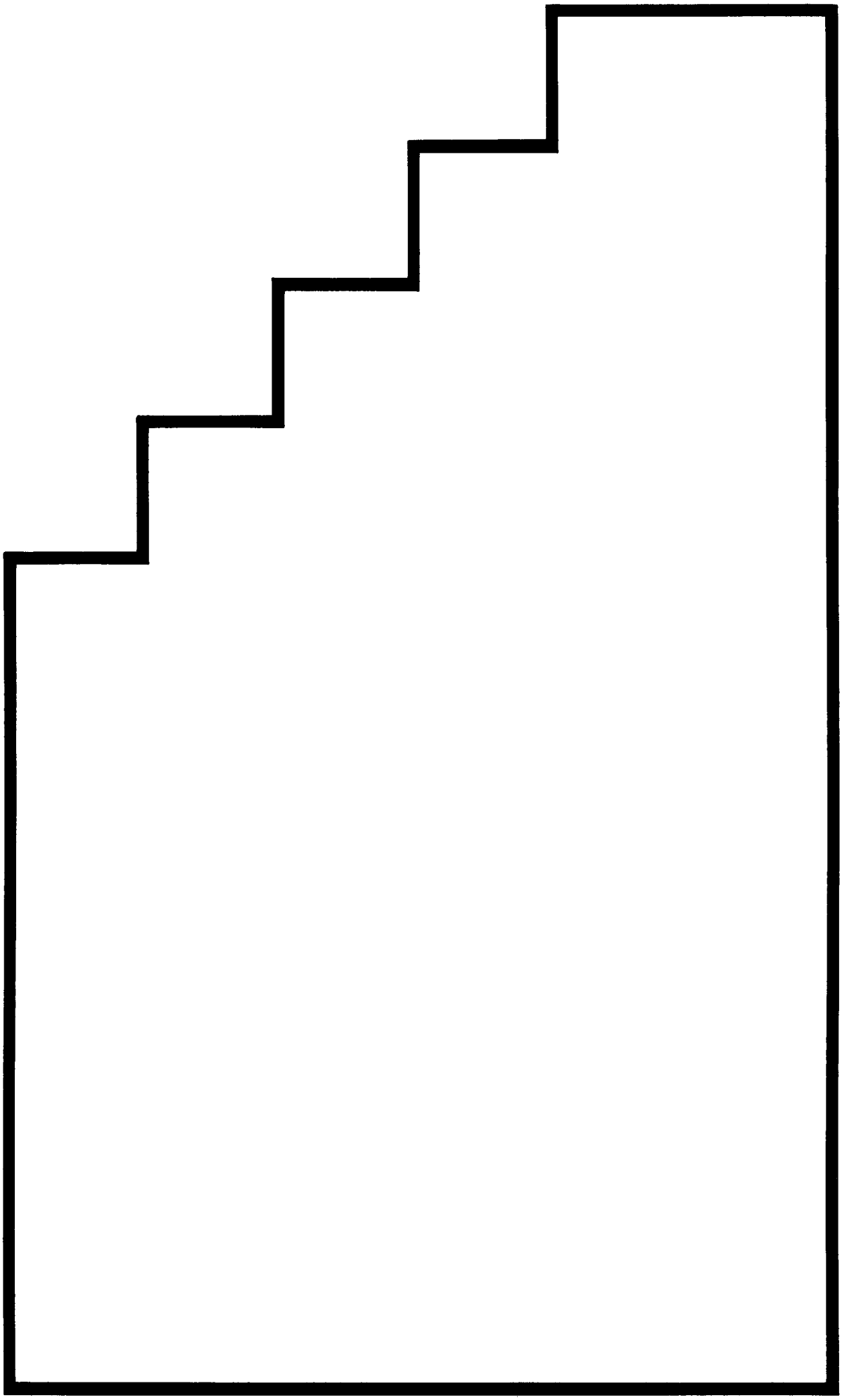

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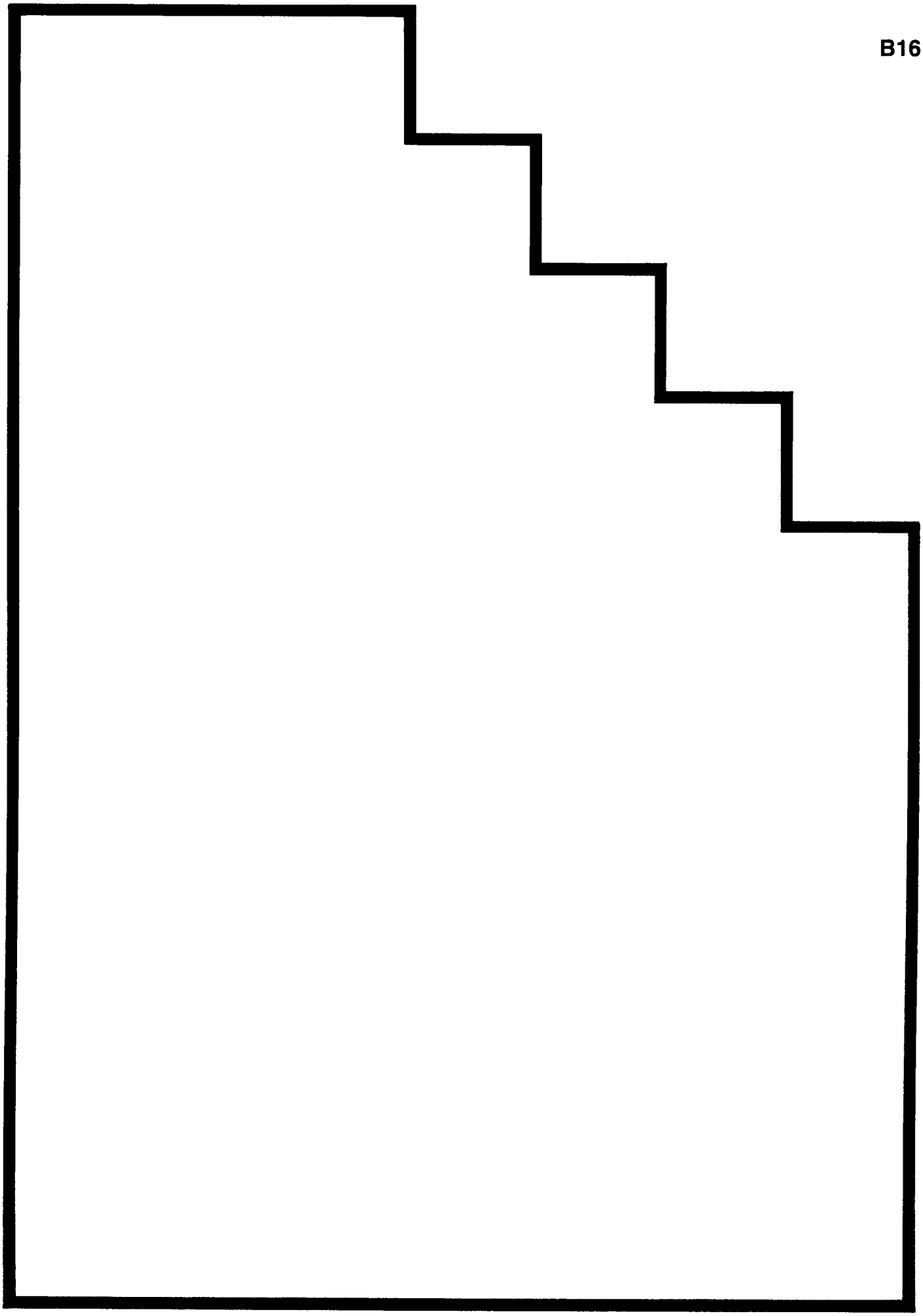

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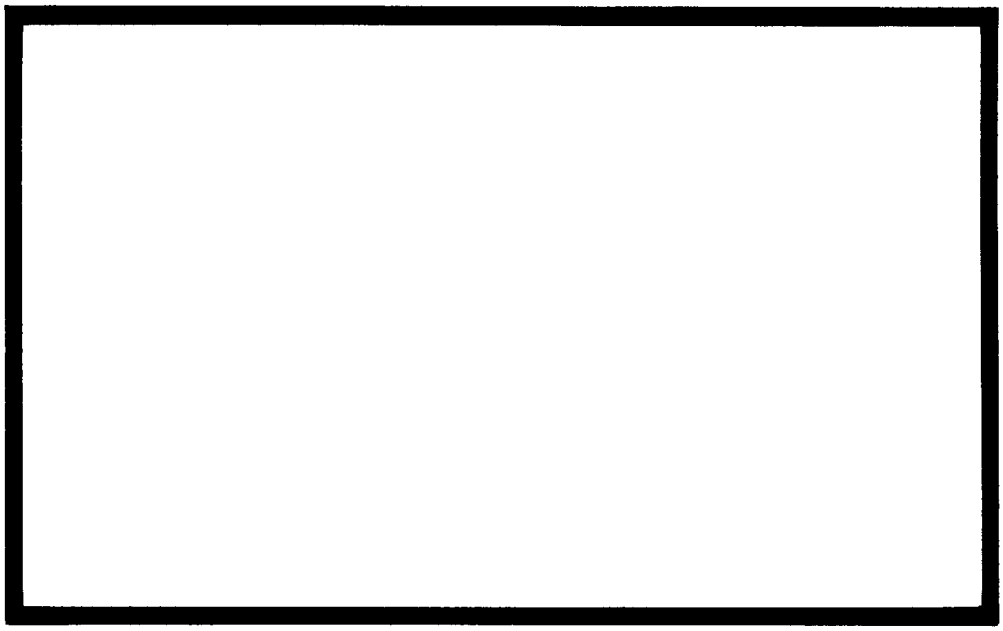

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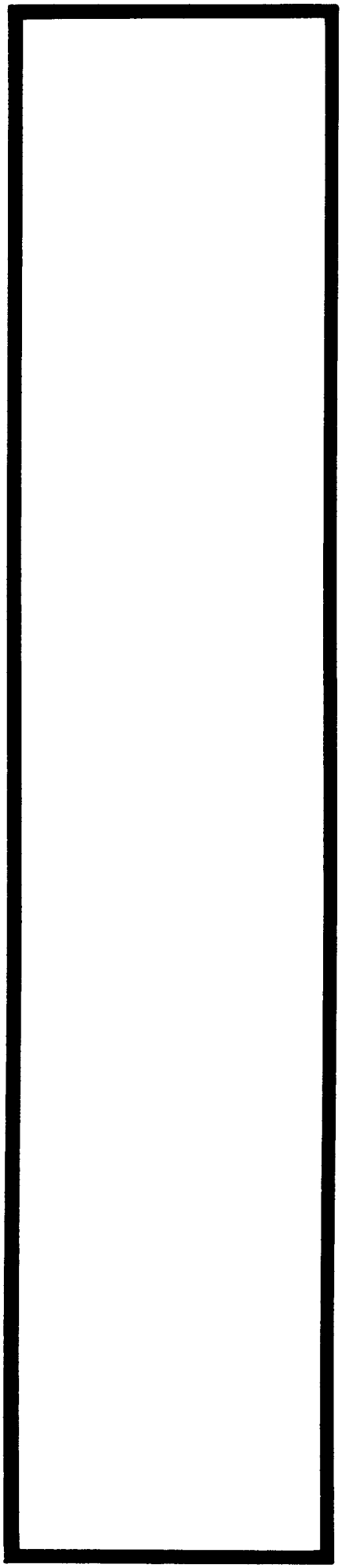

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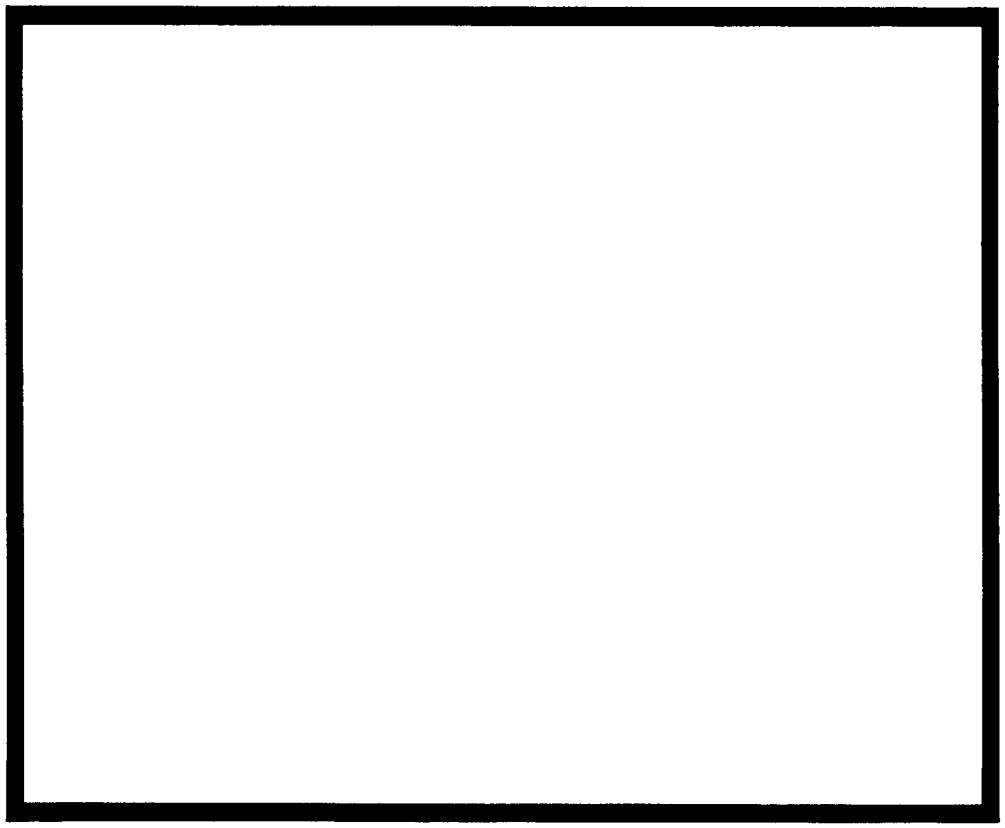

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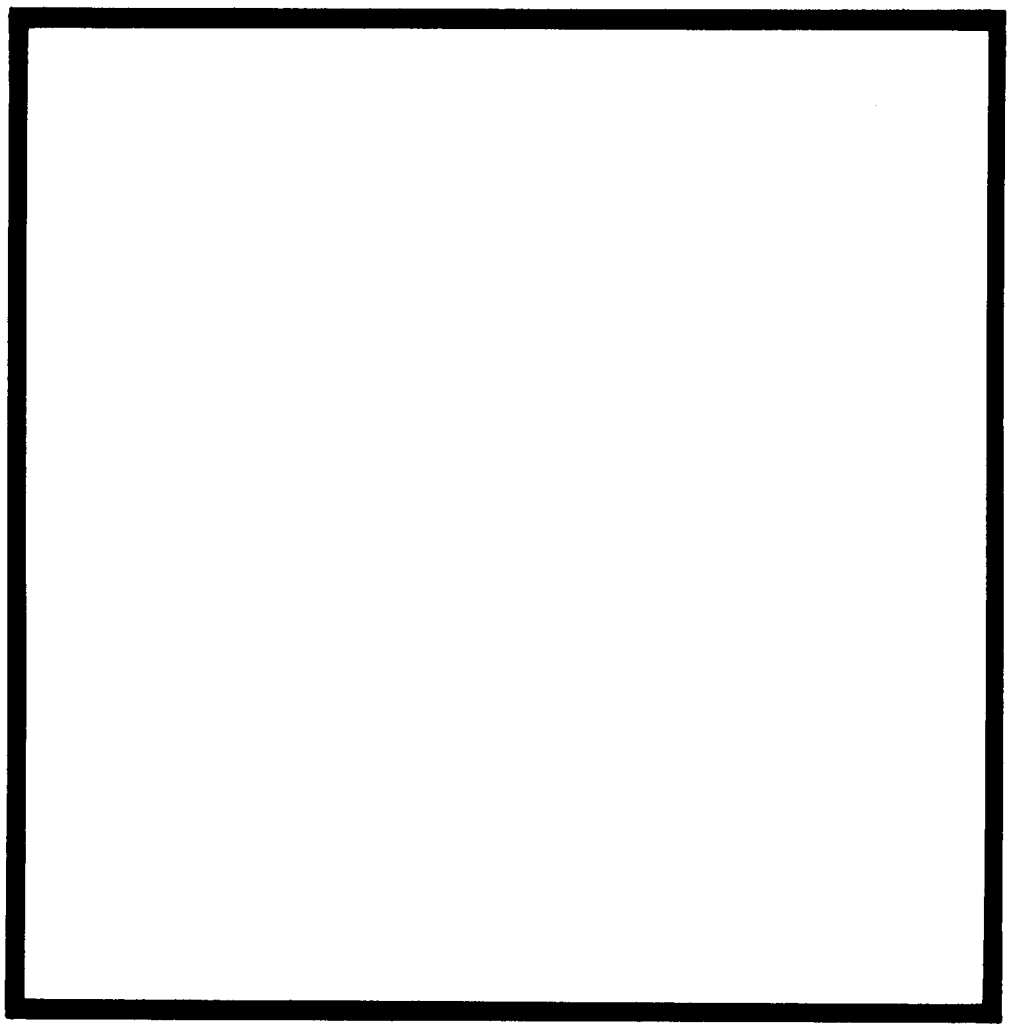

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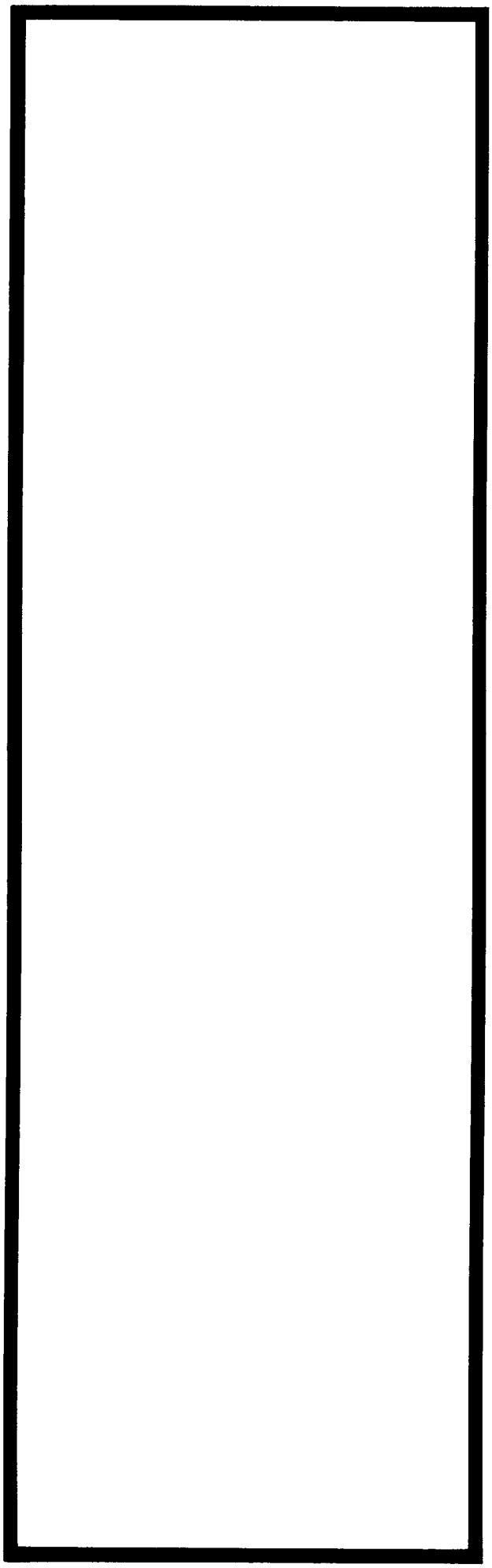

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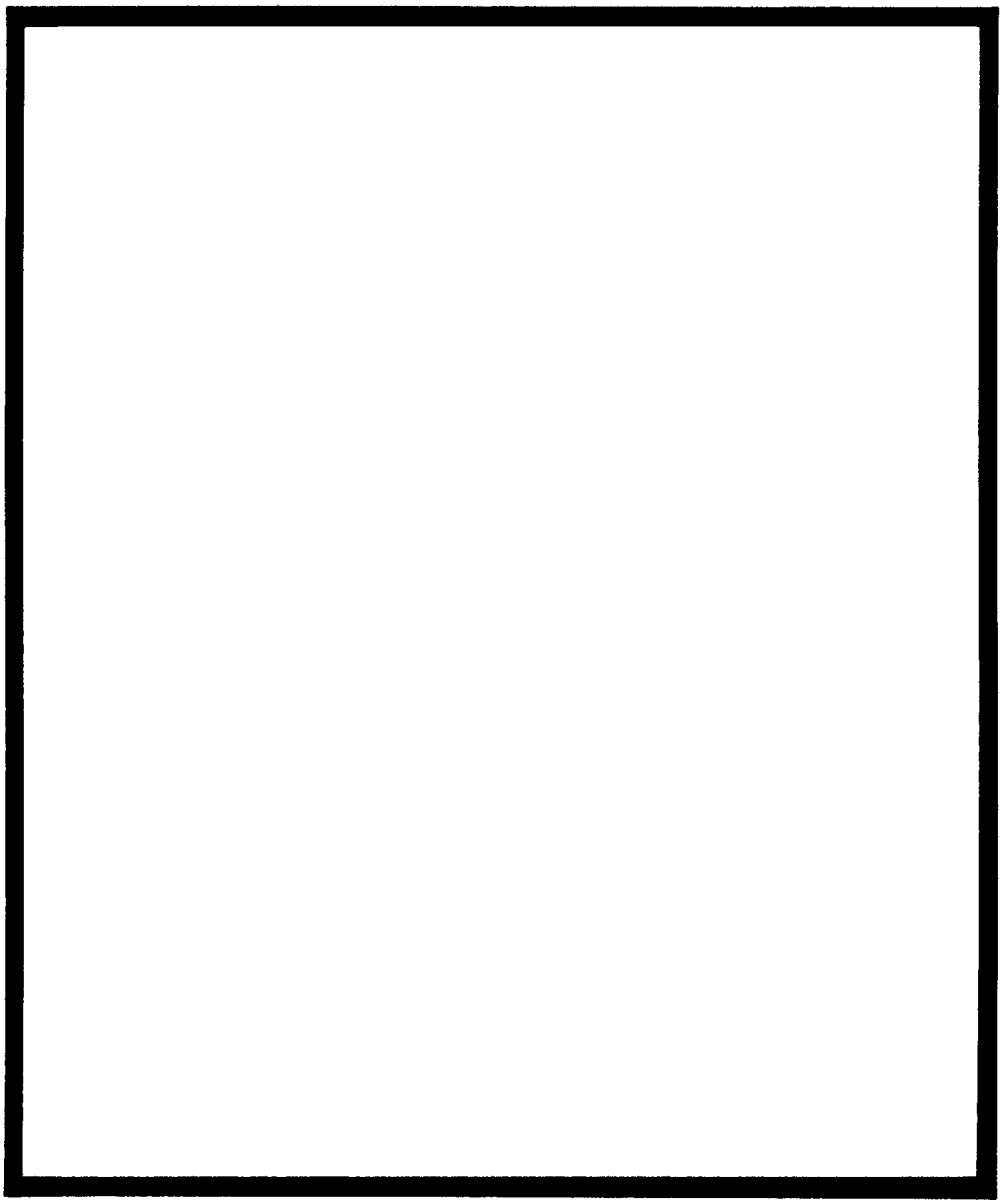

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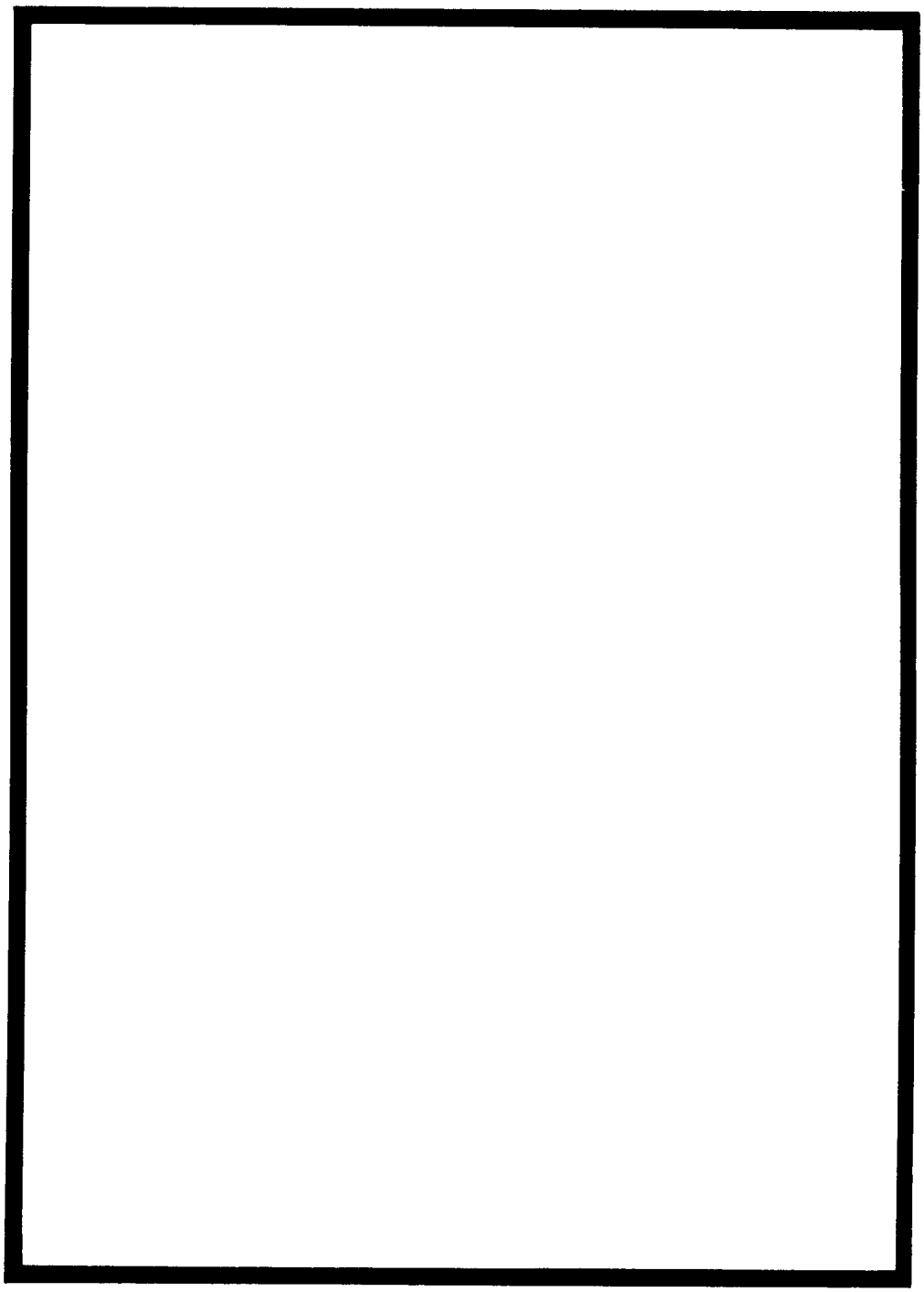

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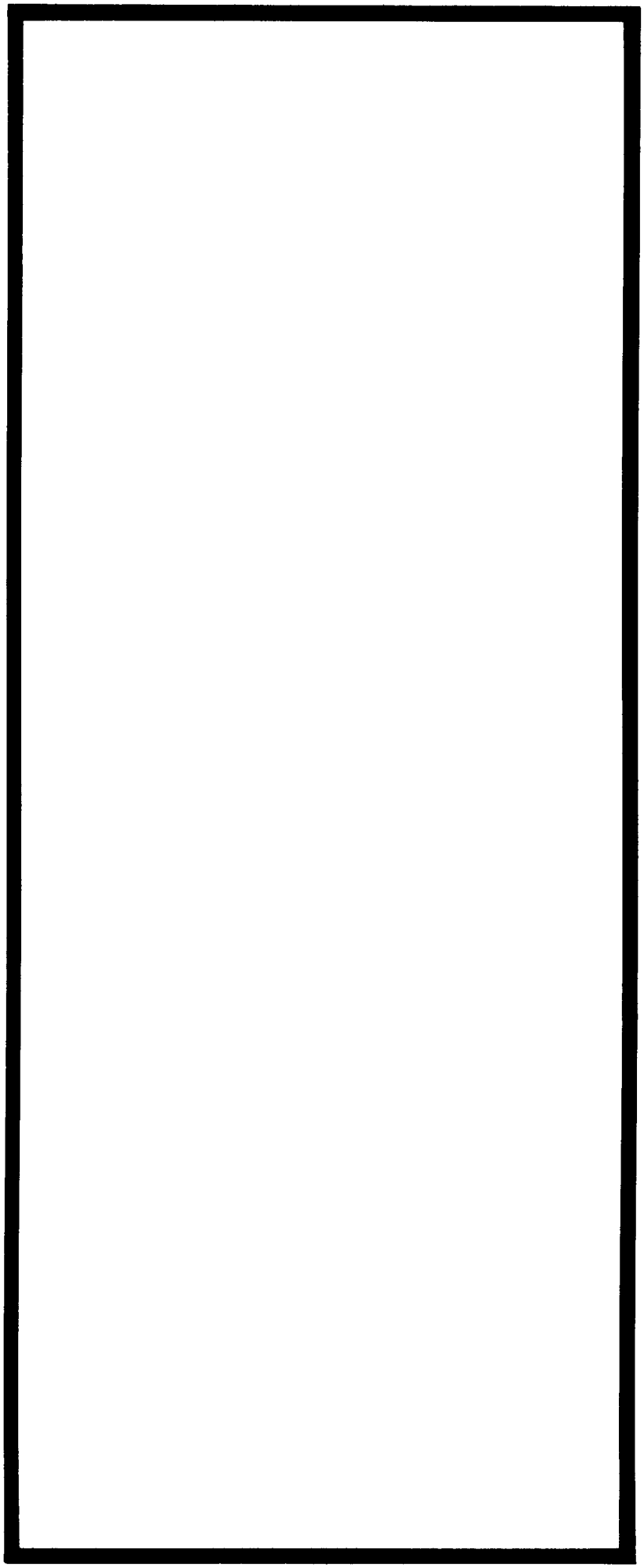

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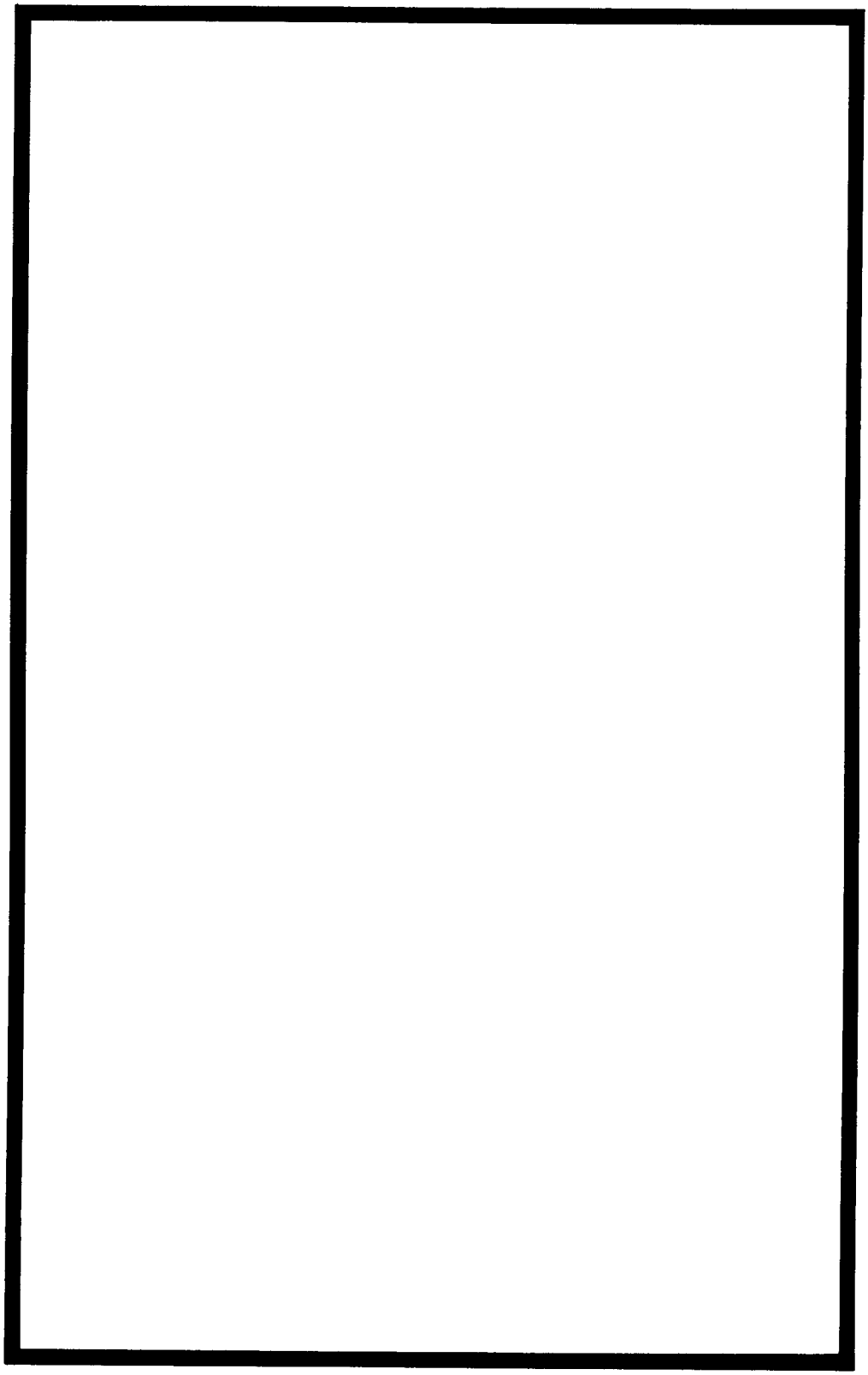

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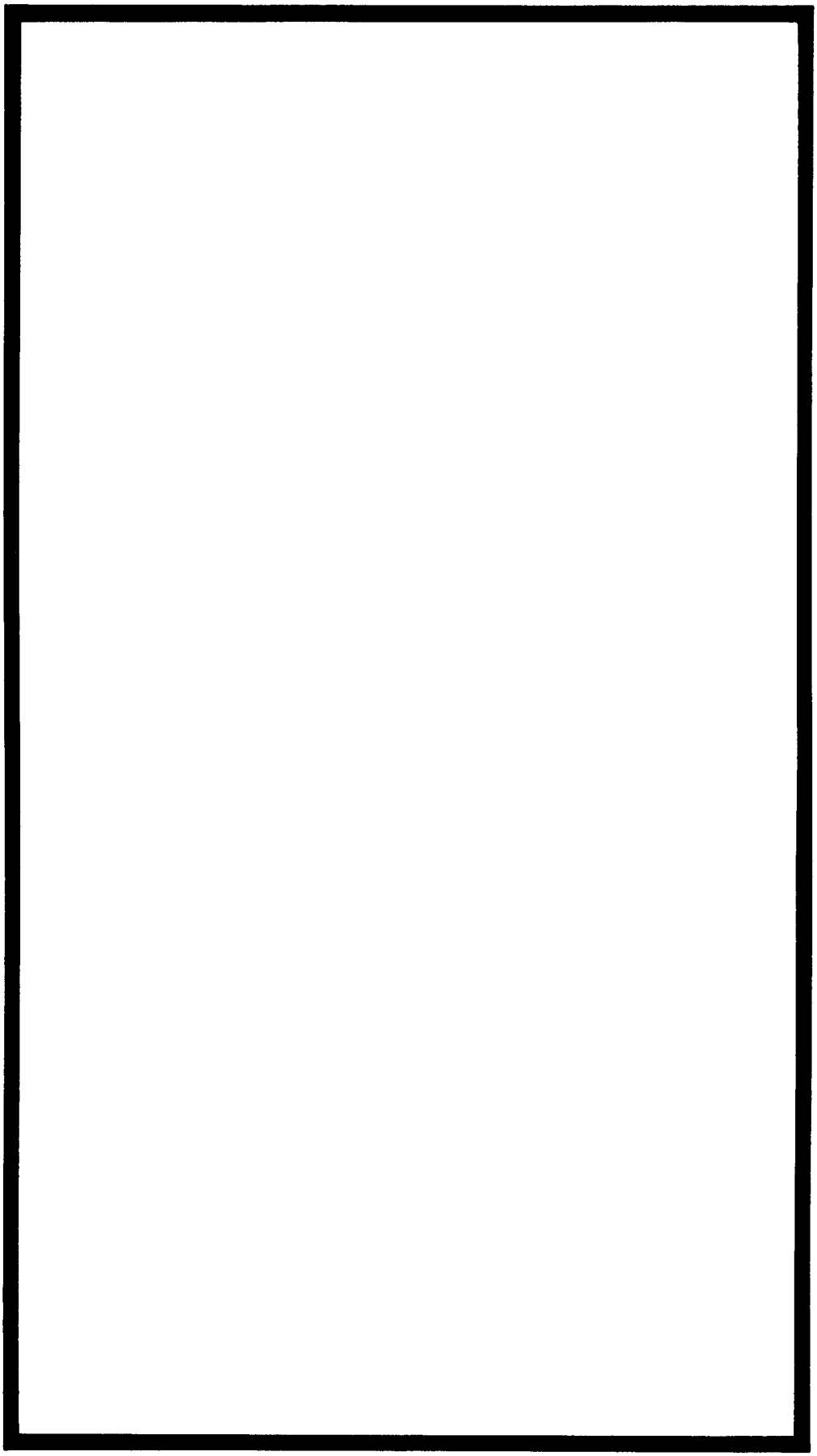

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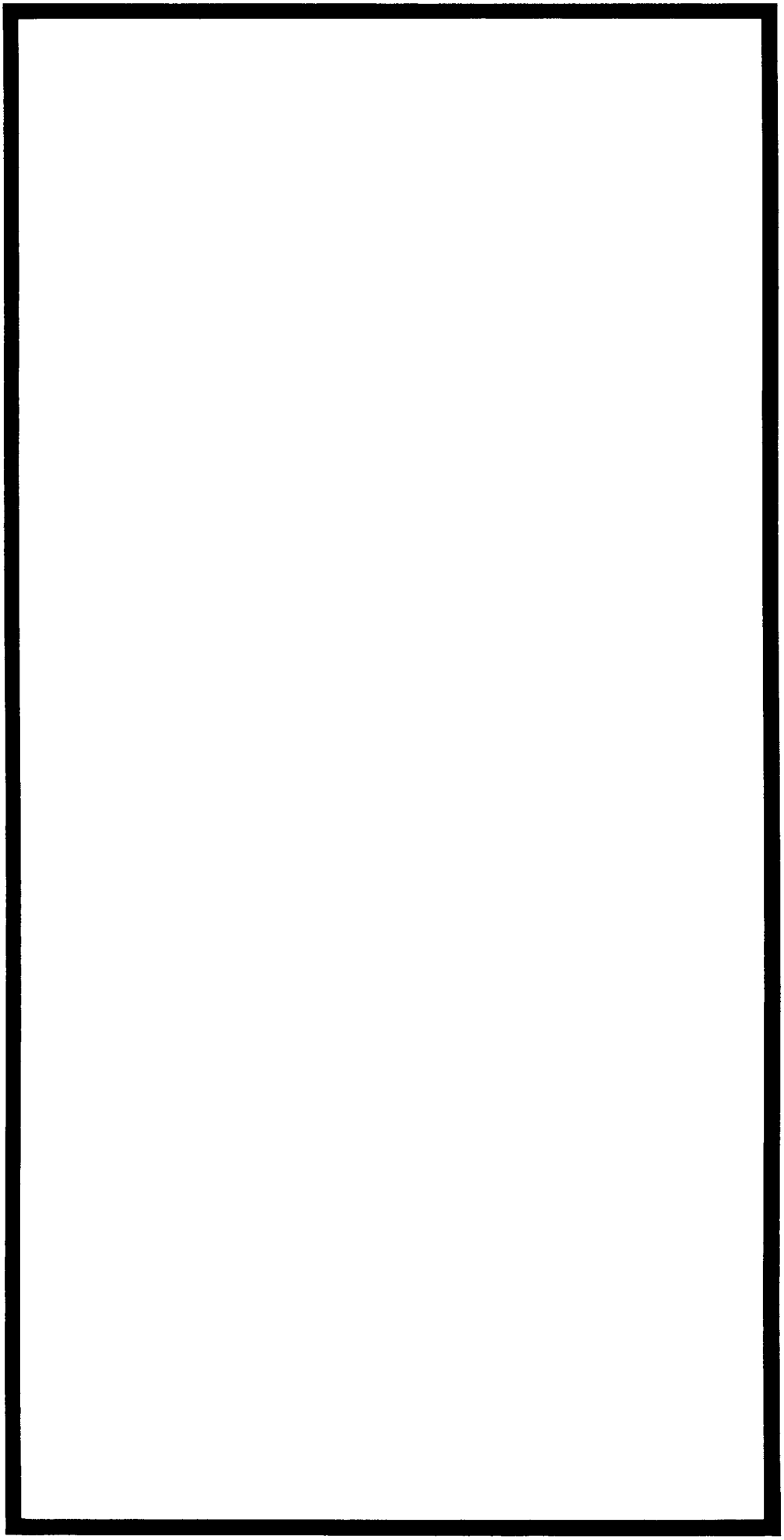

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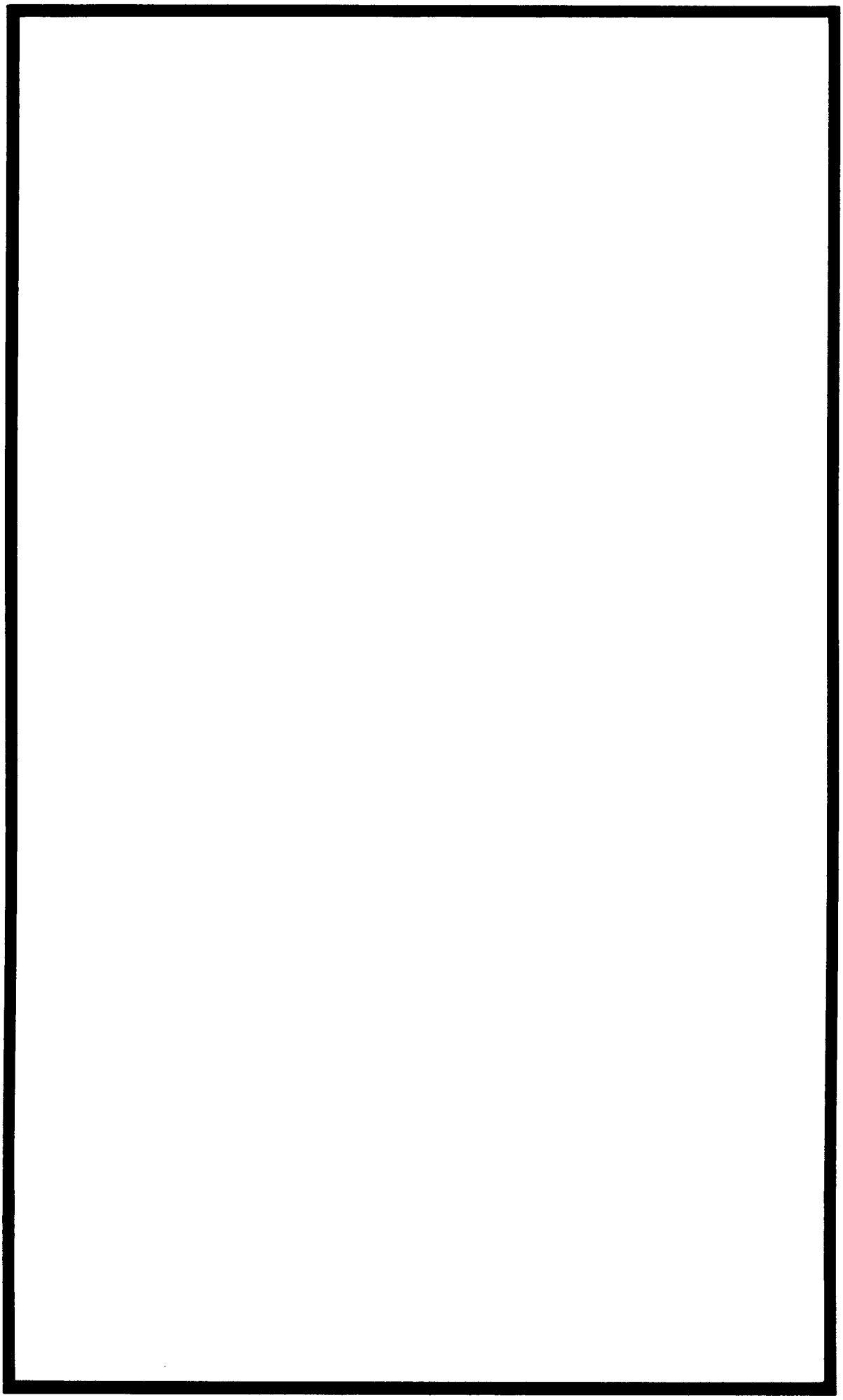

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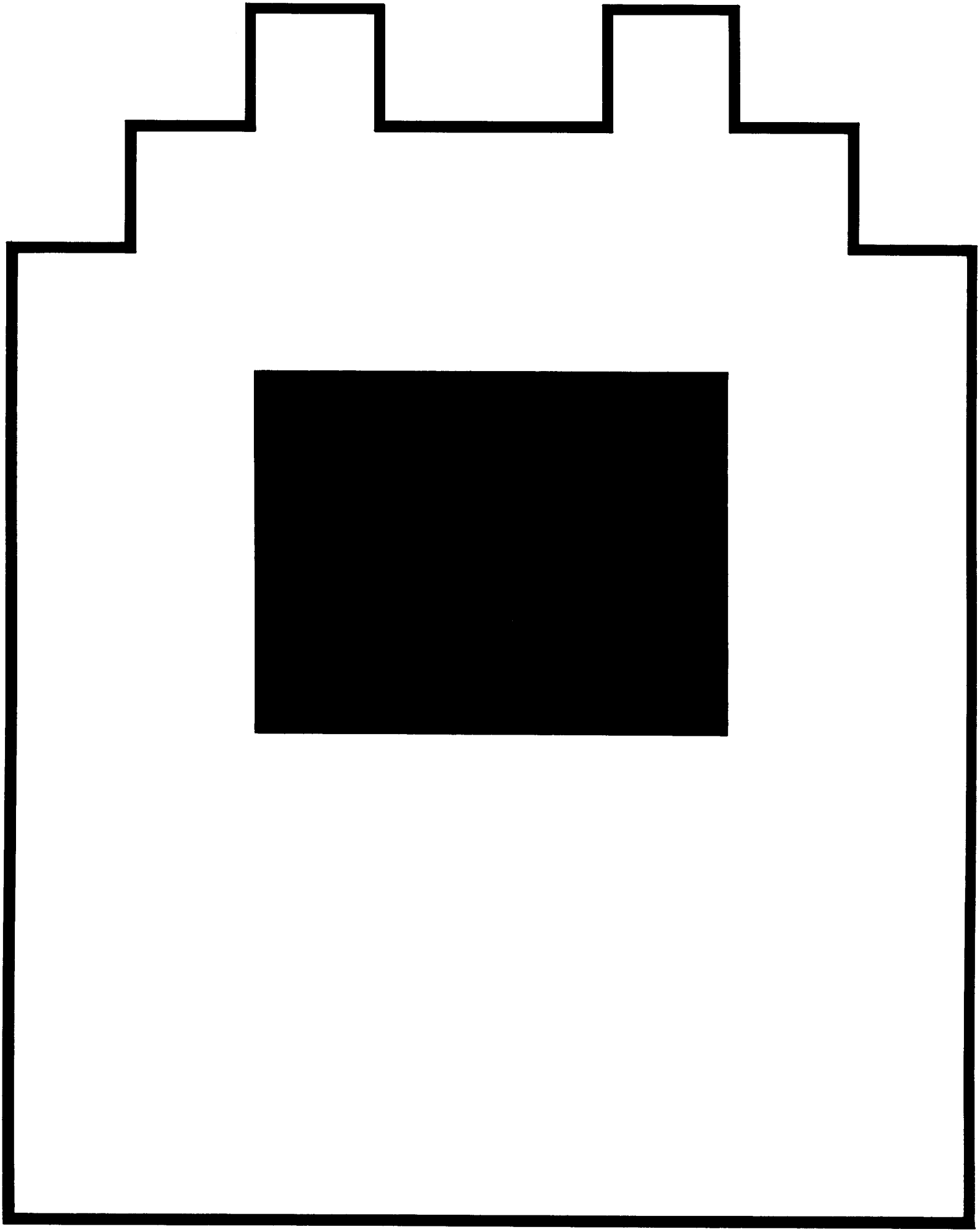

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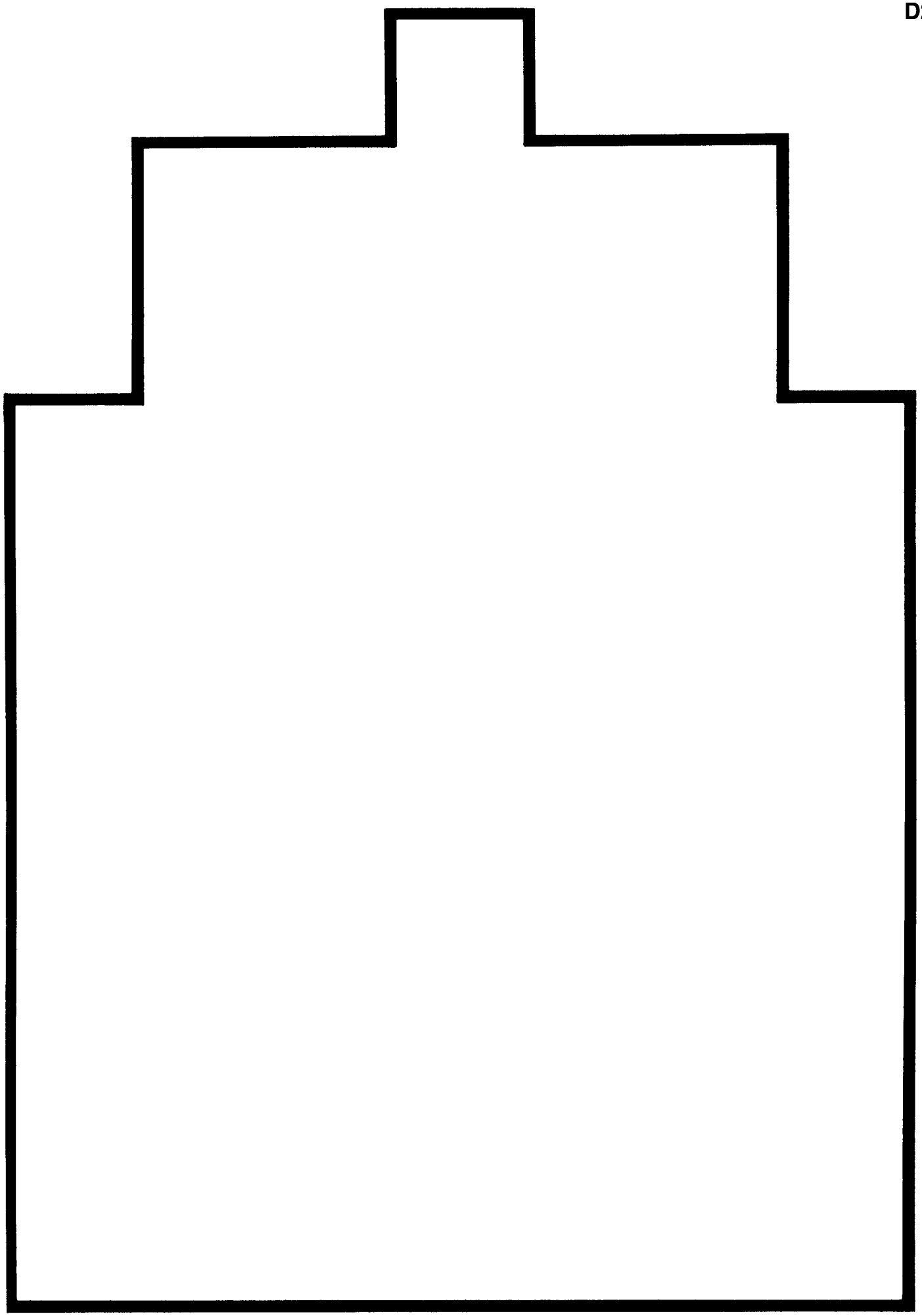

Pentomino Cards
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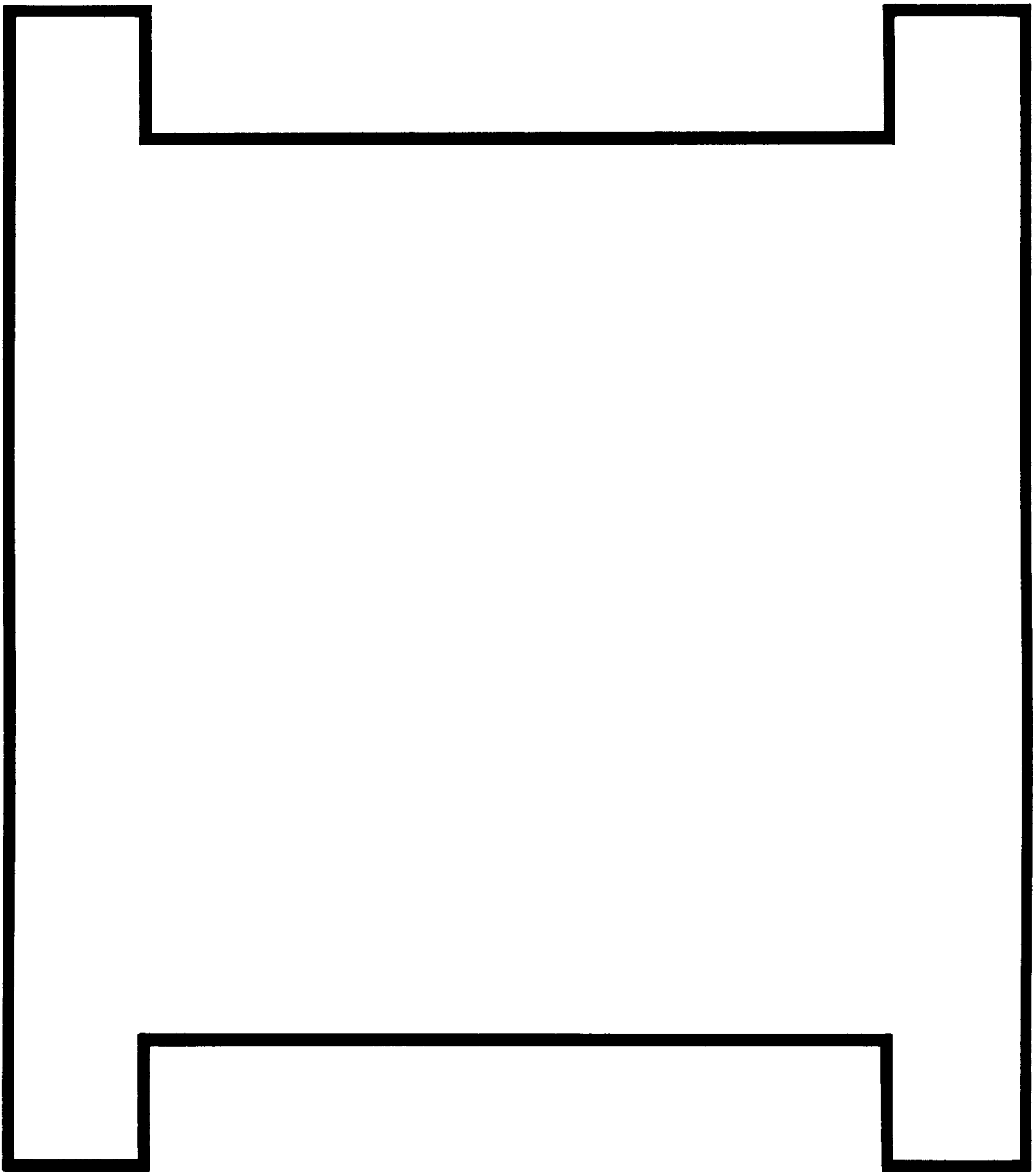

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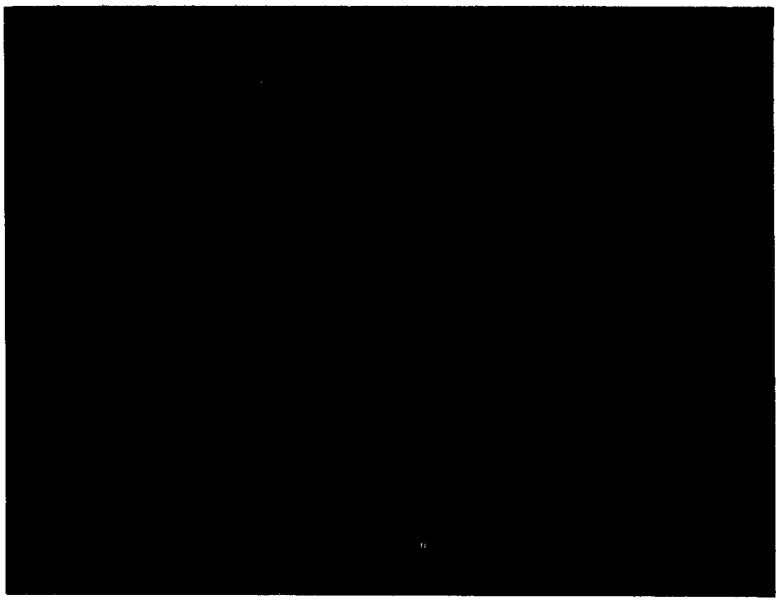

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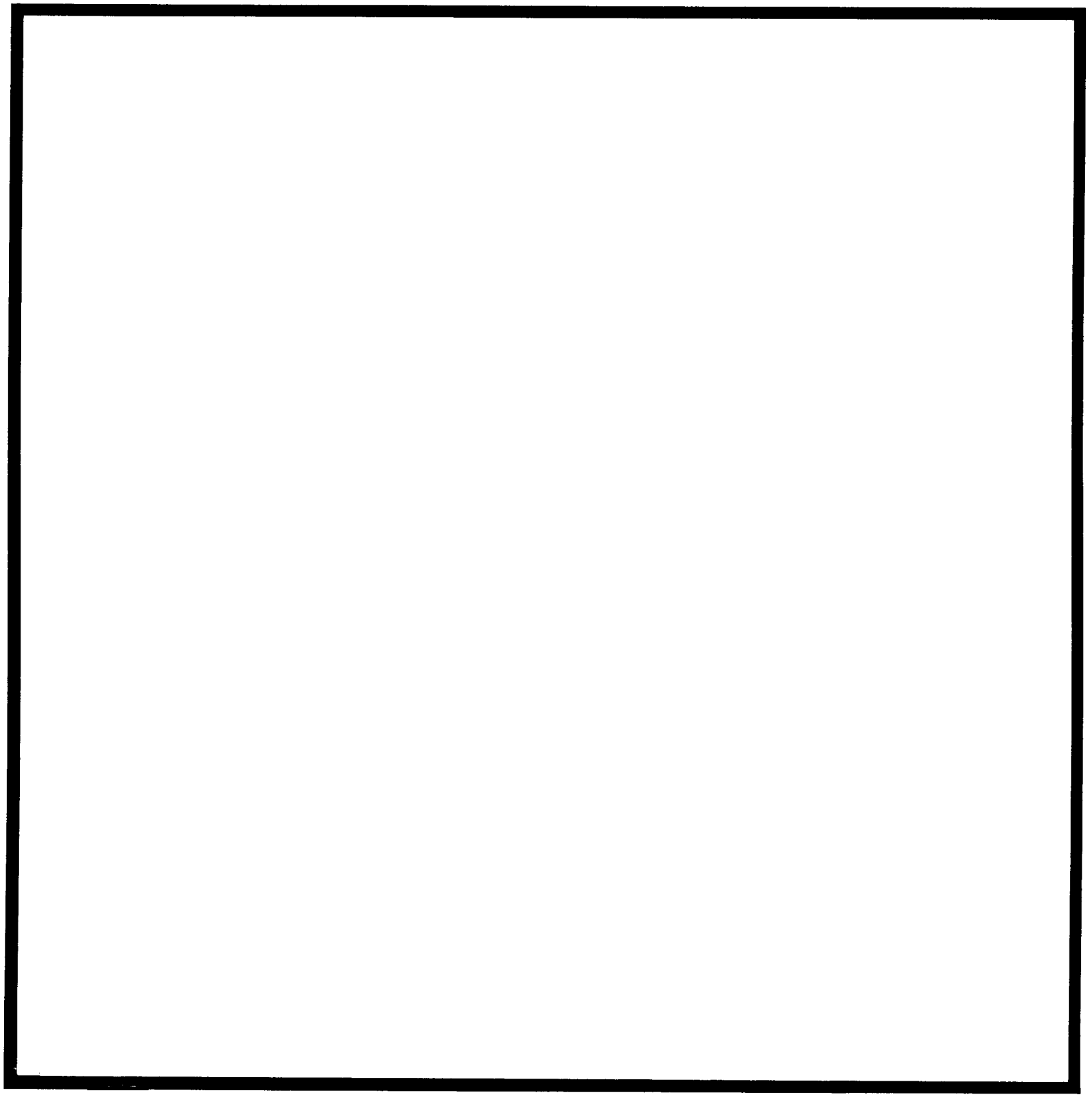

Puzzle will have “holes.” **D5**

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Puzzle will have “holes.”

D6

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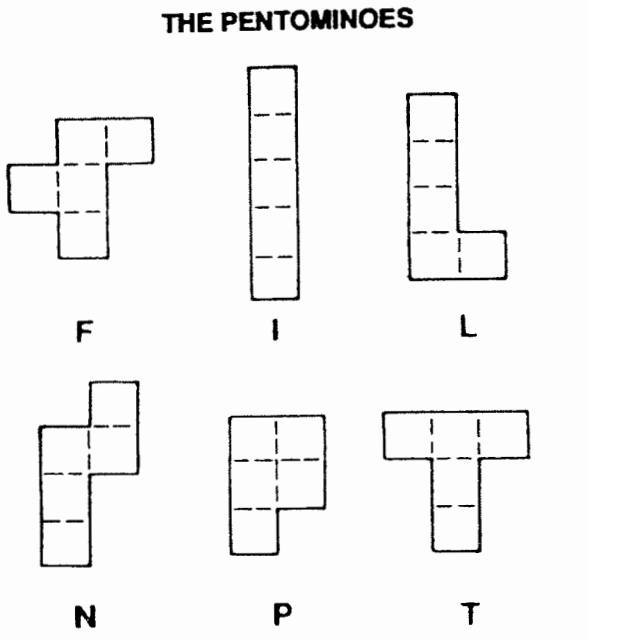

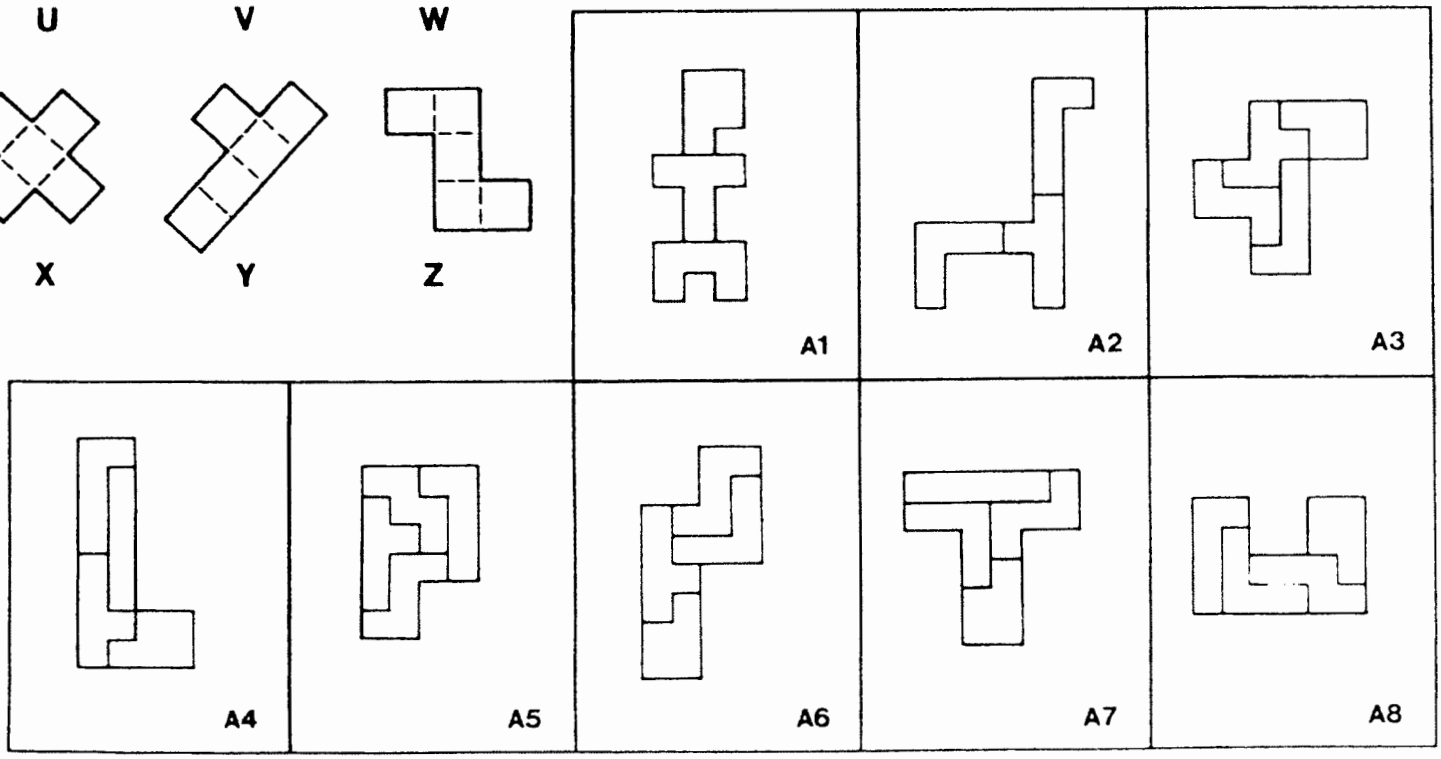

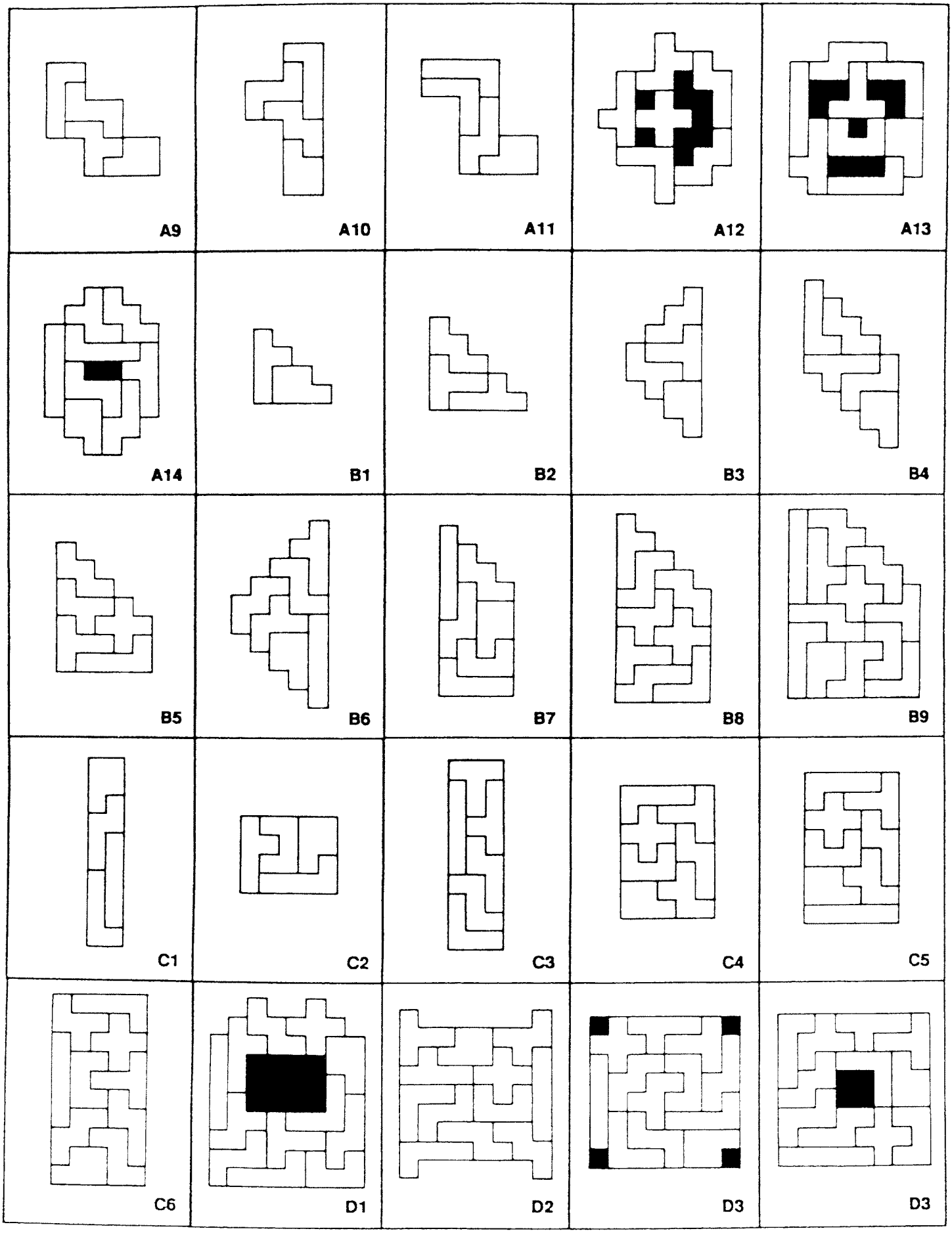
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