The “Search and Rescue” activity can be applied to any topic that can be reviewed with a single question and single answer. The questions go on the inside of the posters, while the answers go on the outside.

Student Expectations (should be displayed on a poster or on the board while students work):

Maximum of 3 students working together. (May be more if class size > 30.)
Maximum of 3 students beginning at the same poster. (Again, may be more.)
Show all work.
Share your thought processes, not just answers.

To prepare students for this activity, their warm-up should be a review problem similar to those they will see on the posters. For this activity, I have included a table reviewing the different types of sequences and the general forms of their recursive and explicit formulas.

Recording Sheet – Algebra 1
SEARCH AND RESCUE!

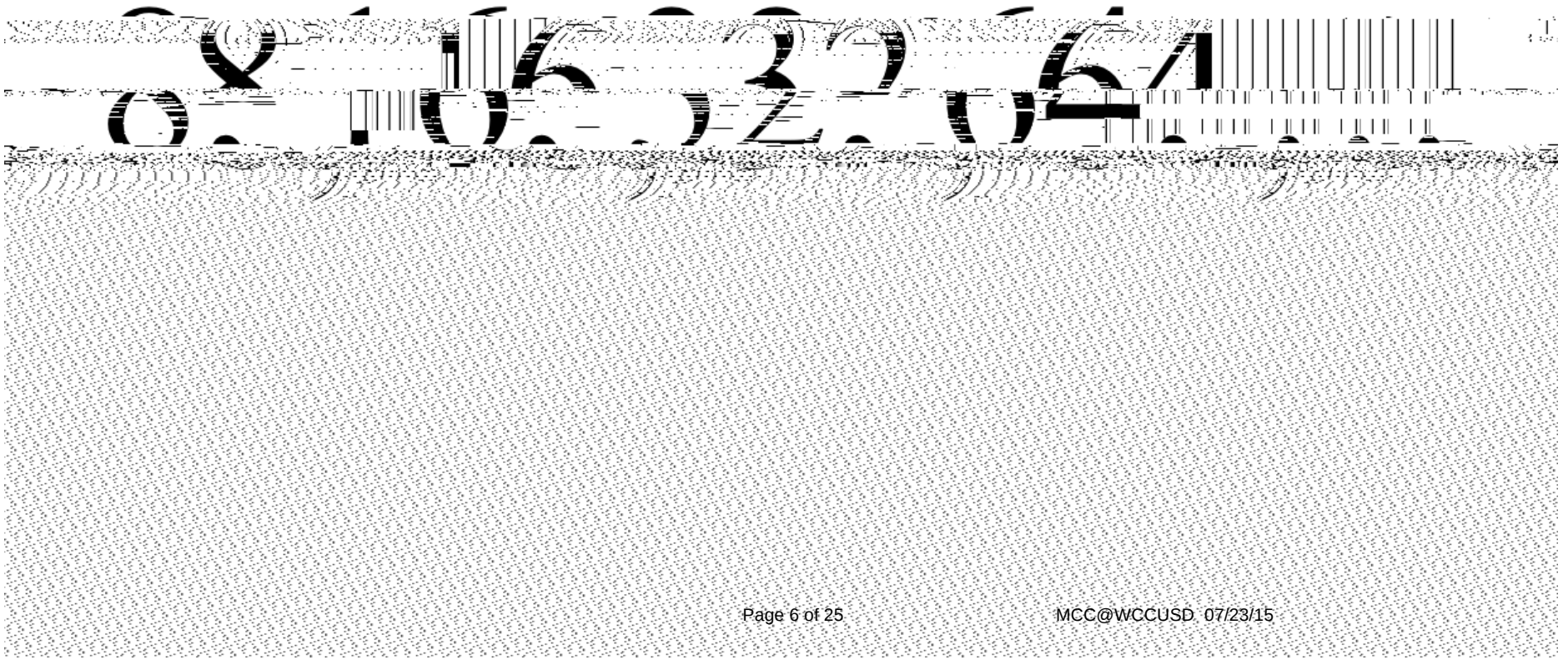
Name: _____ Date: _____

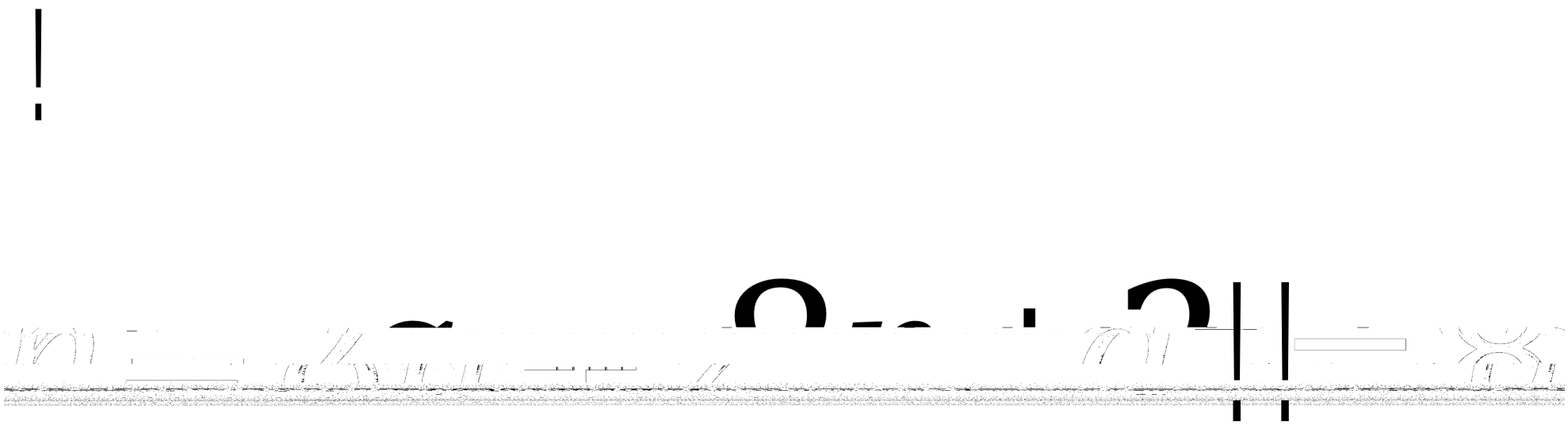
Example/Reference Sheet:

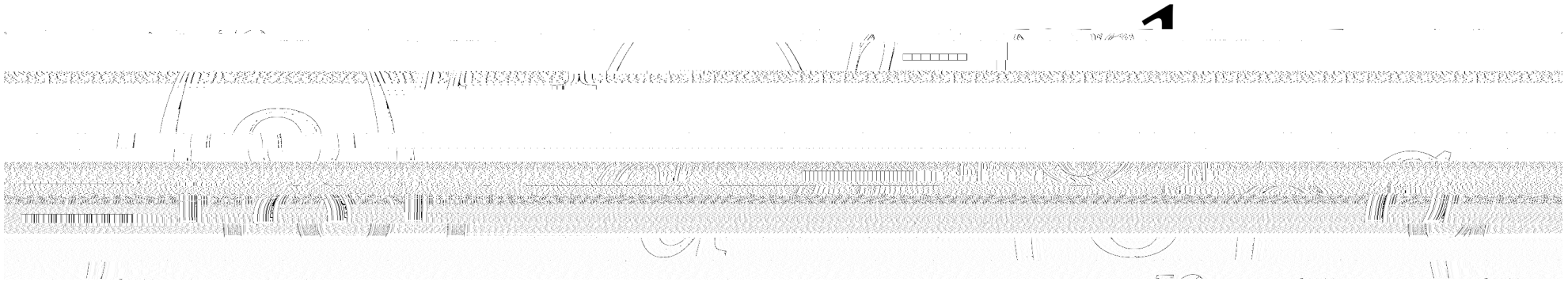
Type of Sequence	Recursive Formula	Explicit Formula
Arithmetic Have a common difference, = 1	Given 1, $a_n = a_{n!1} + d$	$a = a + d$
Geometric Have a common ratio = —— !1	Given 1, = –1 •	1 • –1

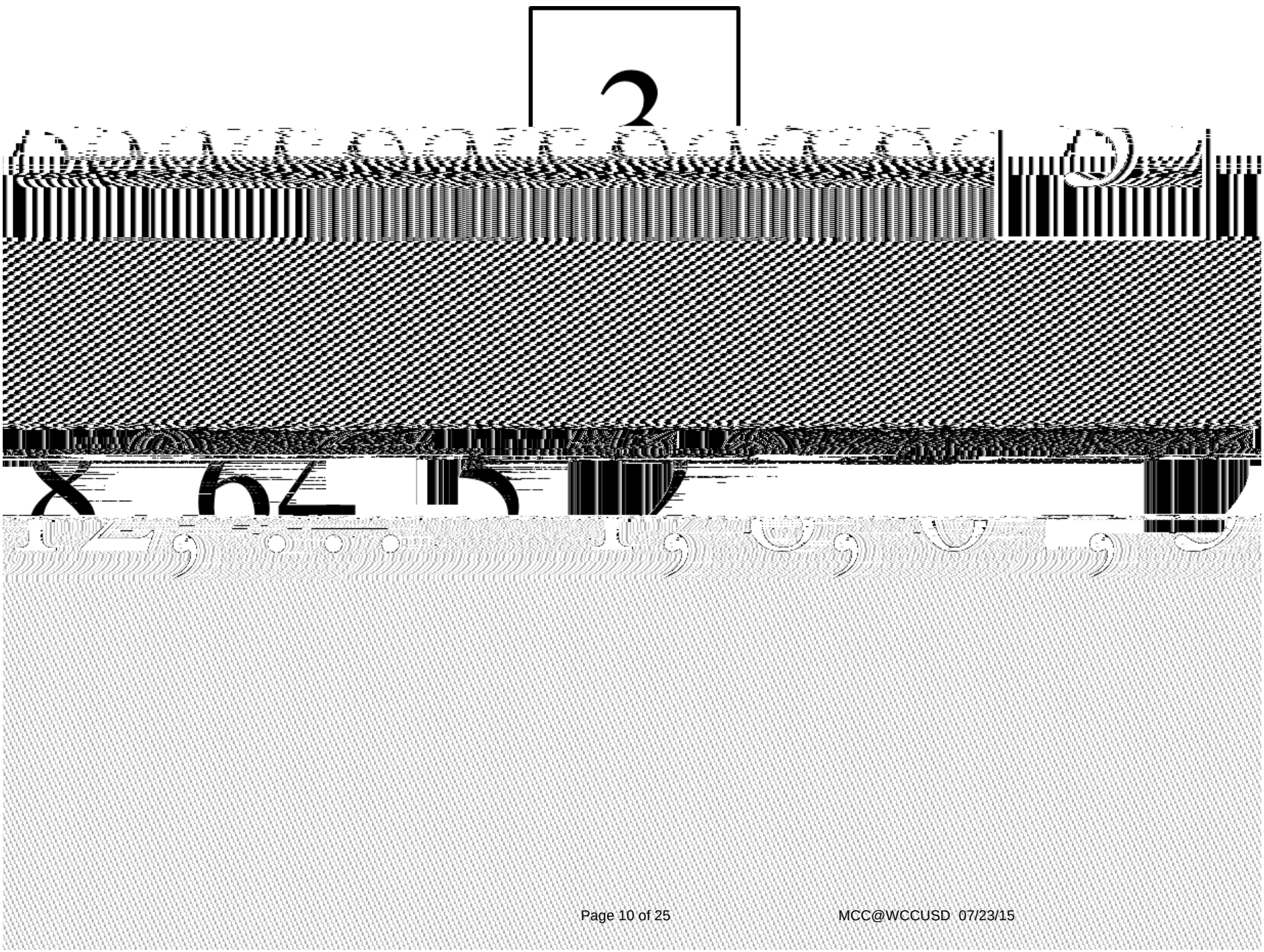
Problem #	What are you given?	Shown work	Answer

1









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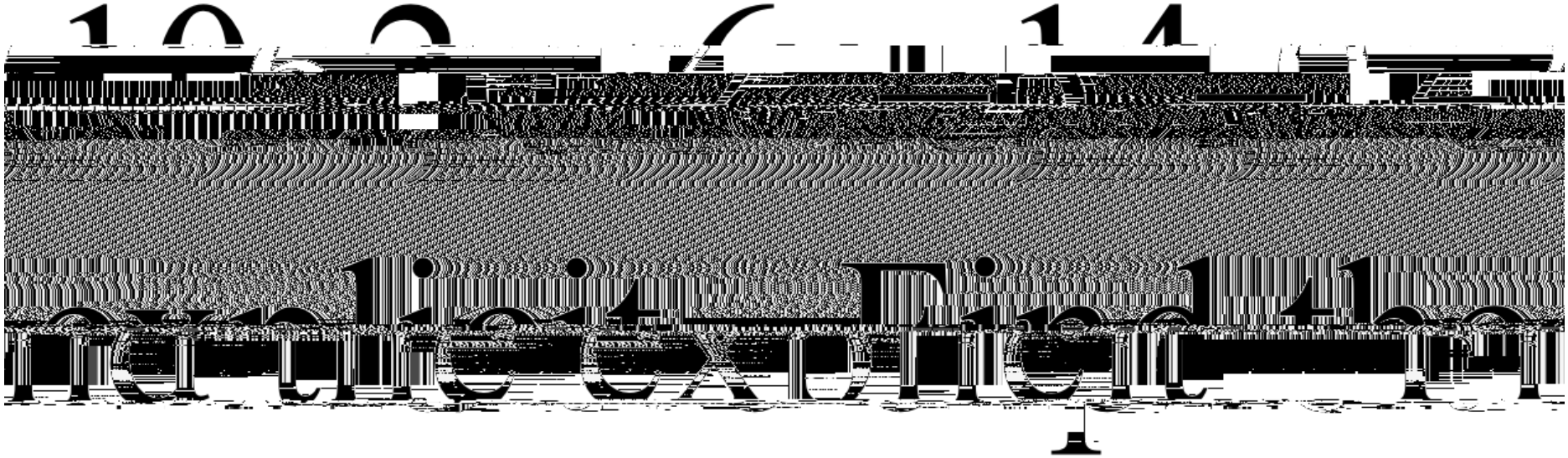

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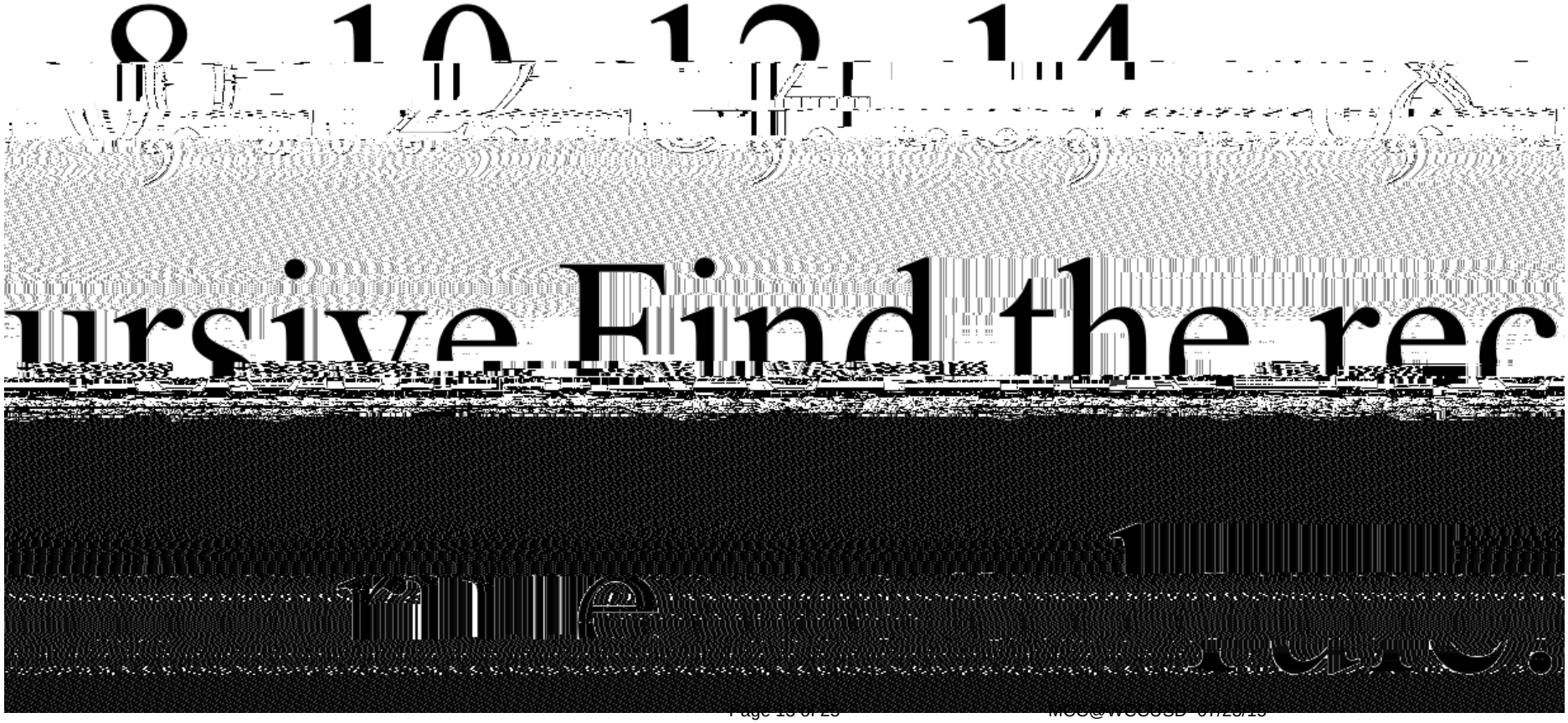

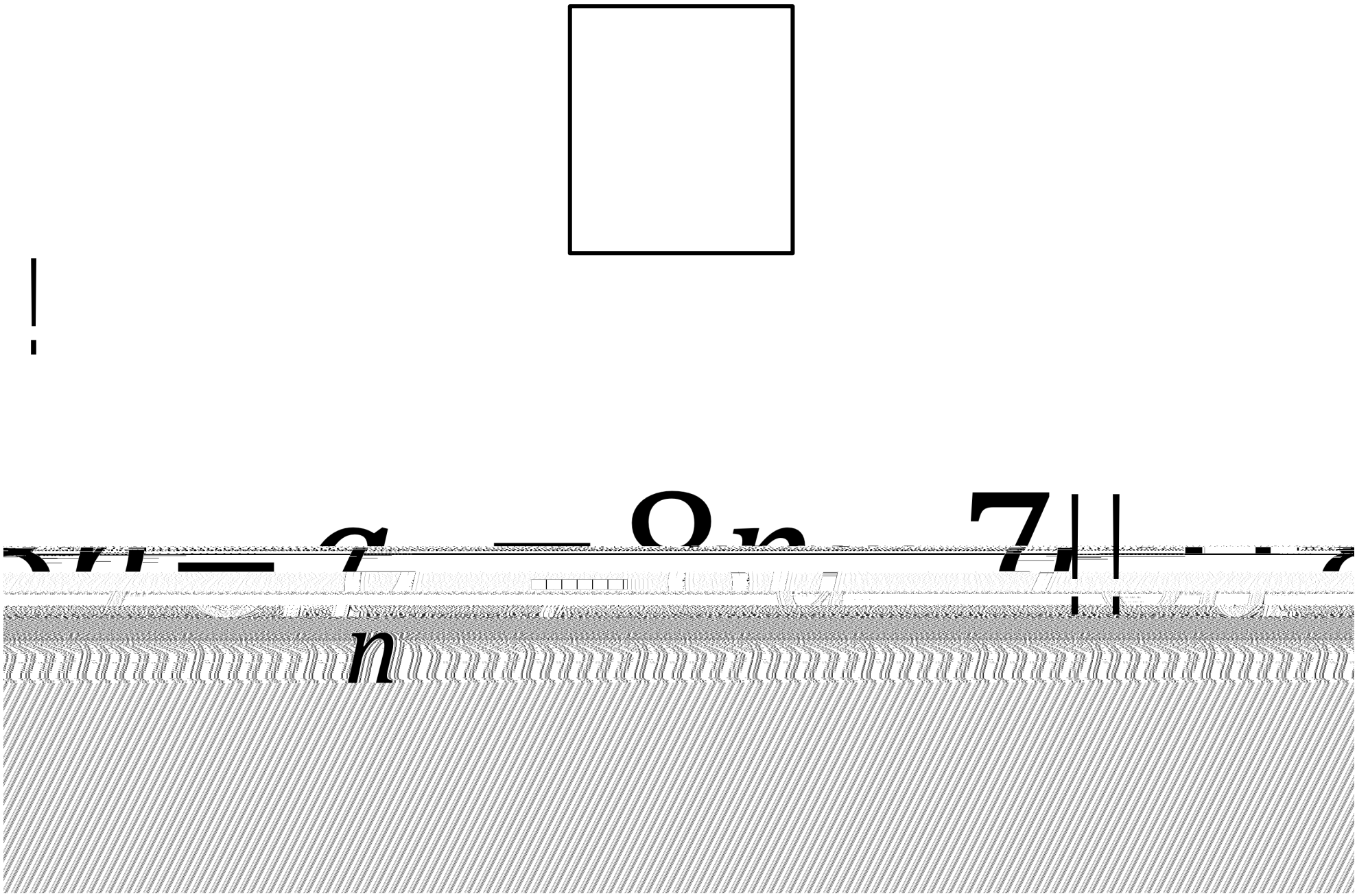

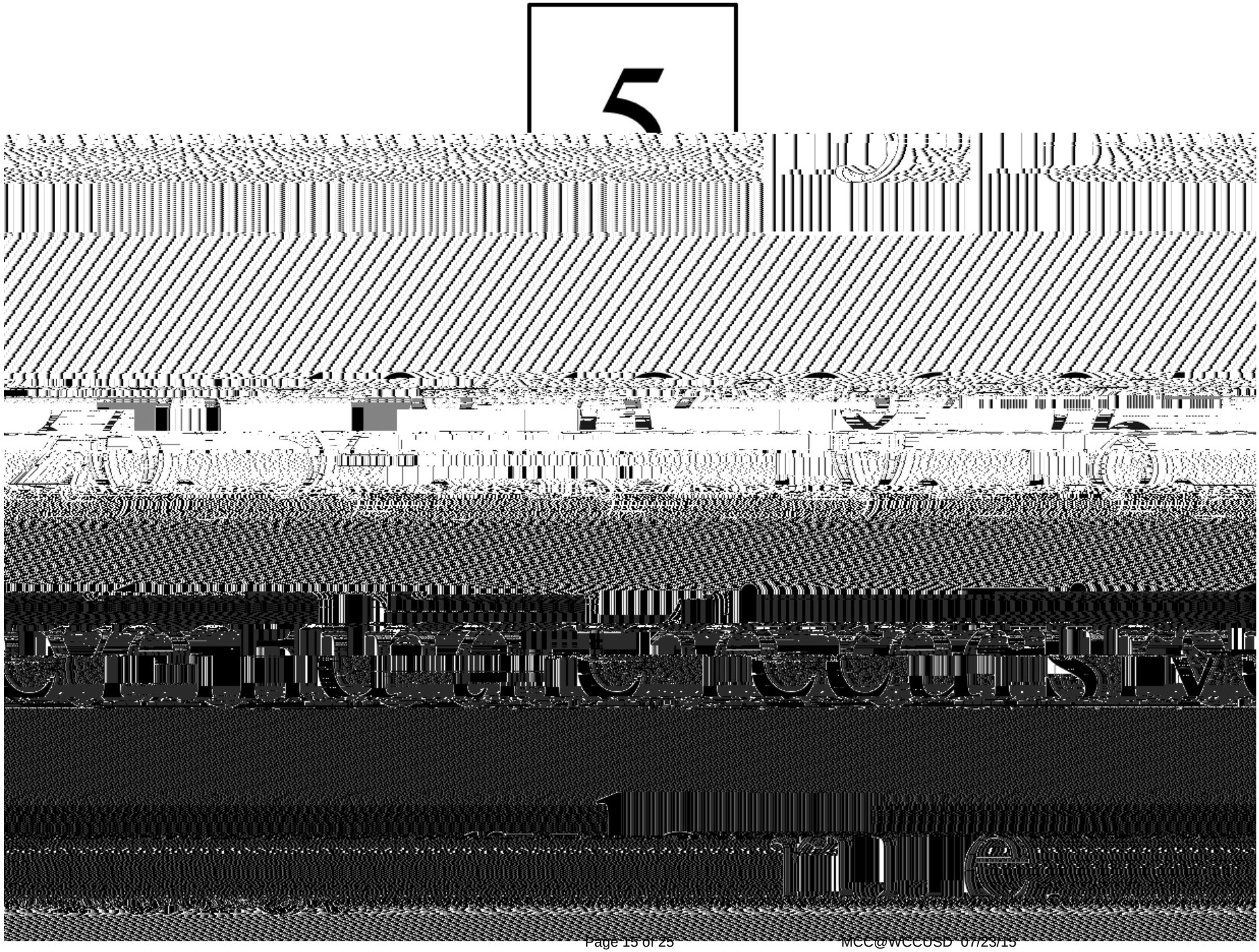

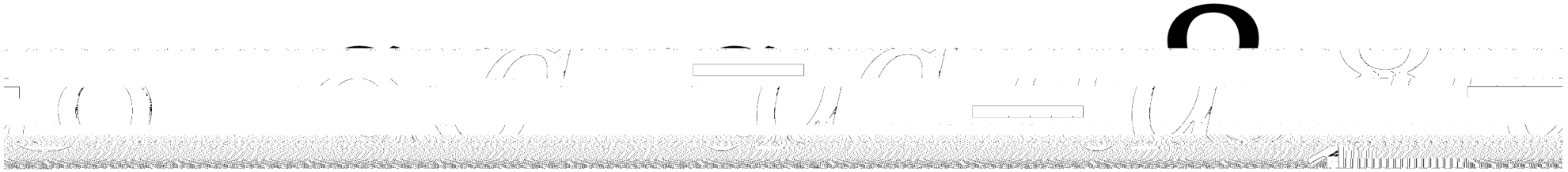

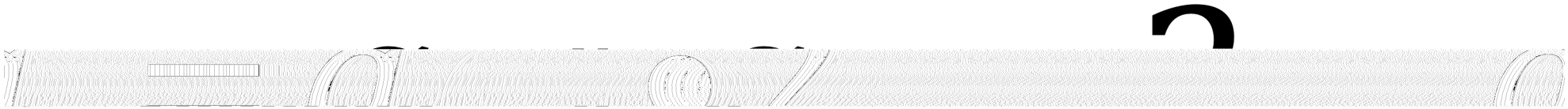

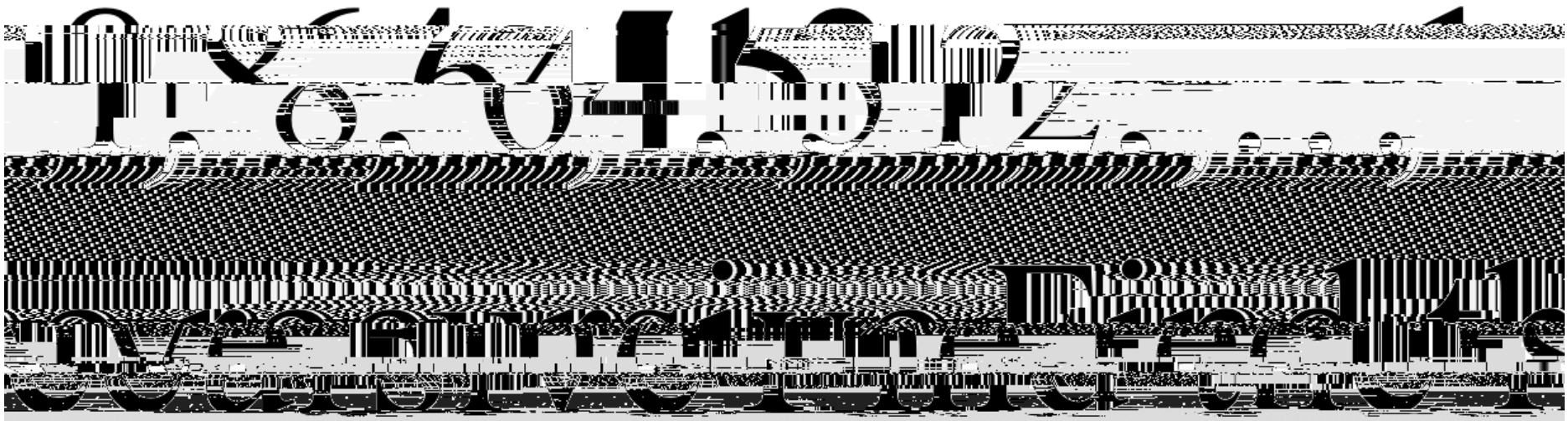

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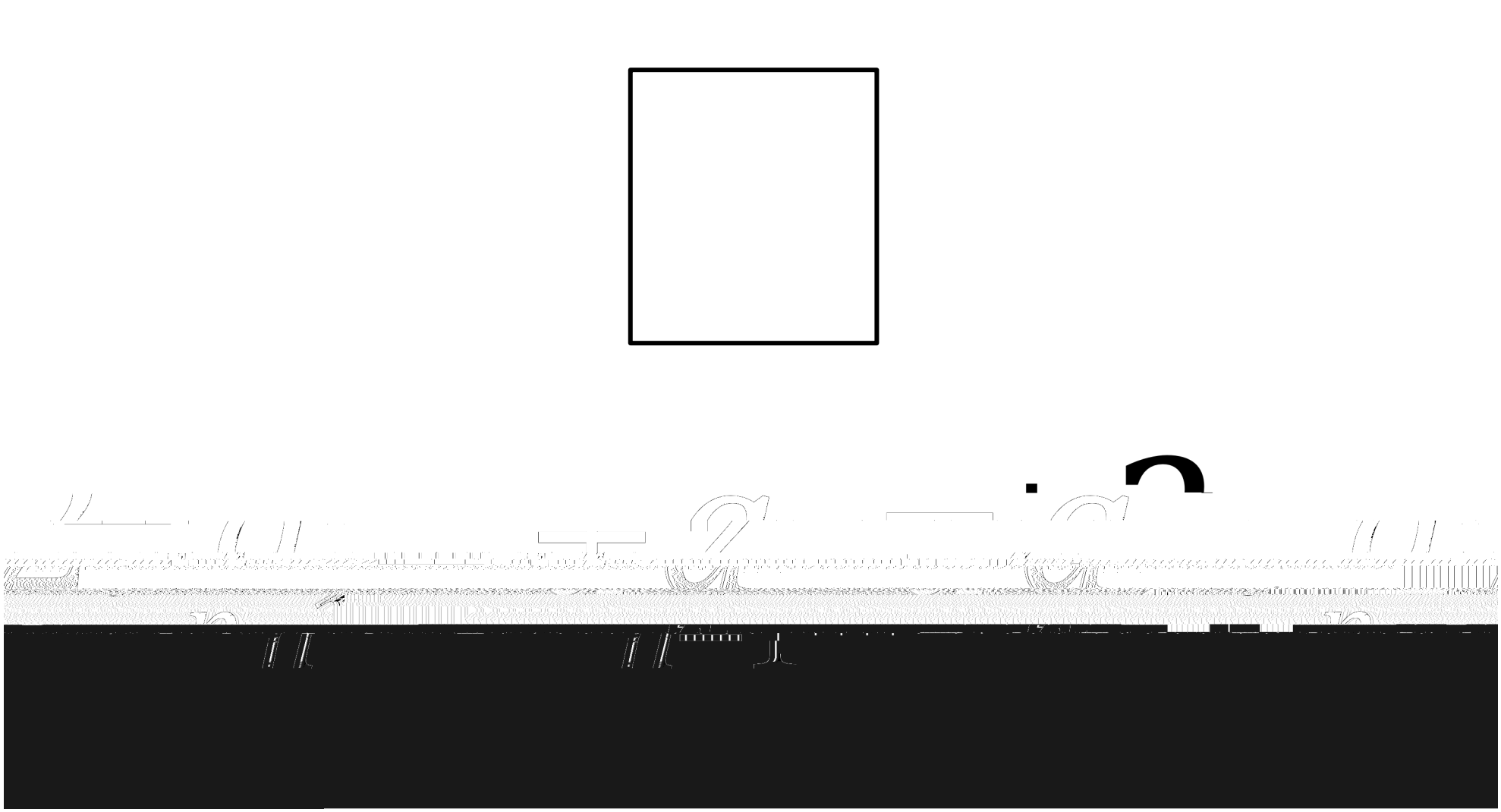

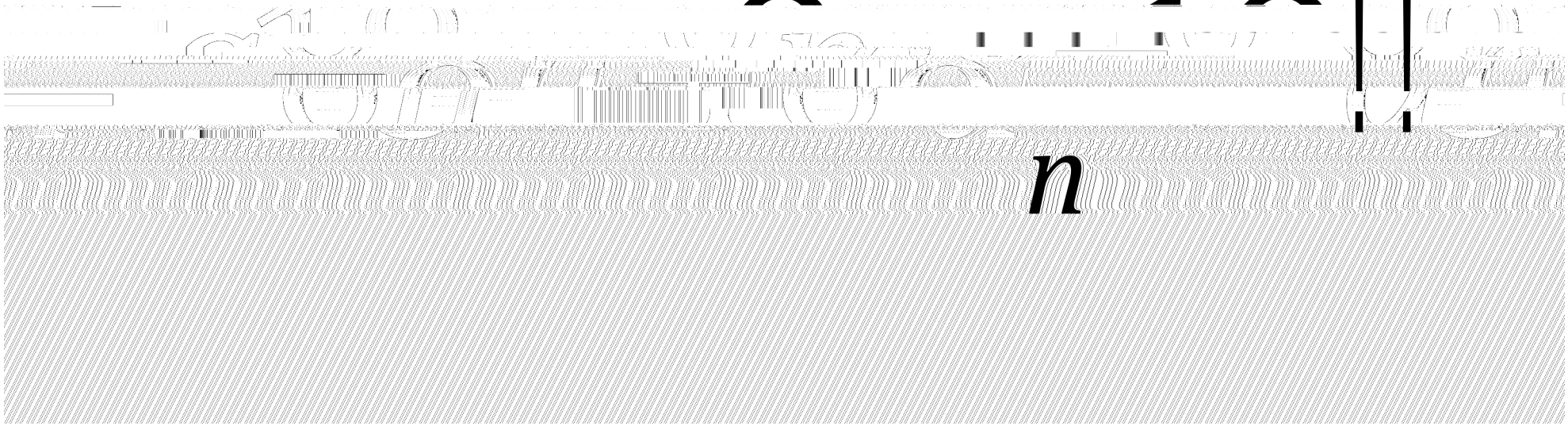

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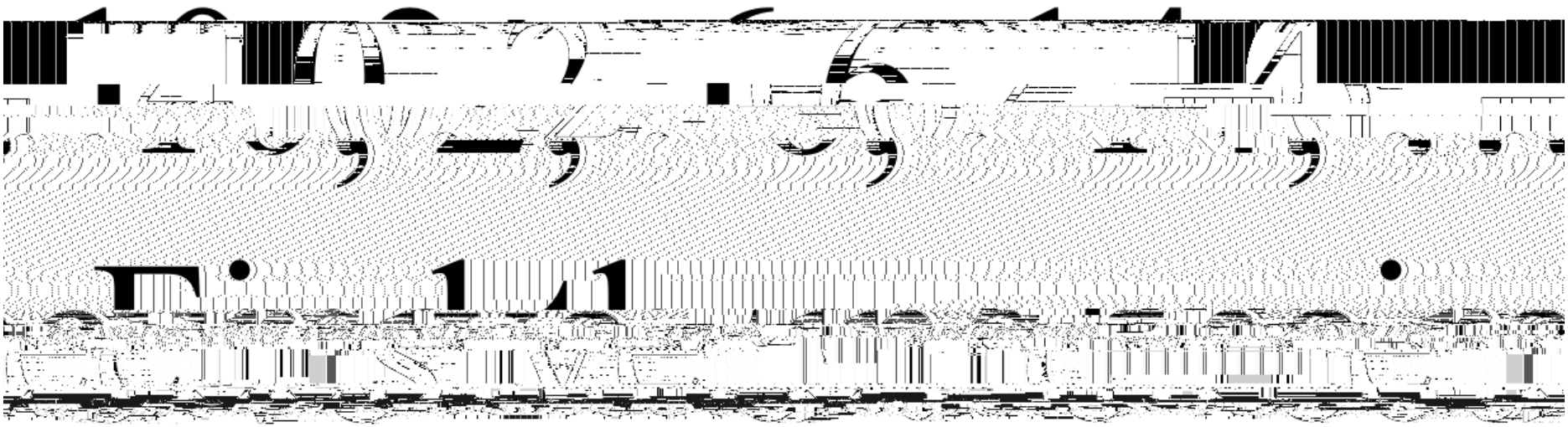

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