Math Assessment Review – Part II

Important Information about this review package

This review material has been prepared so that you can refresh your math skills prior to writing the assessment. It is not meant to teach new material. Complete what comes back to you with a bit of a refresher. If you run into difficulties, it's time to stop and make an appointment for your math assessment. You will be provided two options for your math assessment on the Assessment Centre website; select the option that you feel is the best fit for you. If you are unsure which assessment option to choose, contact an assessor by emailing mathassessment@camosun.ca, calling (250) 370-3945 or contact a Student Navigator at (250) 370-3466 or (250) 370-3847 and they can assist you with the decision.

Use the links provided in the review material to get help on the questions, and for extra practice. These links connect you with Khan Academy, an established online math learning program. If you wish additional instruction, search using the link title, and you will find many other learning videos. For example, if you search for help with Plac-3 lacaa-30 Td e10.6 (e)-35.2 (r)3.j -0.0045 (o)4.f ch-3 lacaa-30 Td e1

c) A circle has a diameter of 6 cm. What is the circumference of the circle? What is the area?

Review: Circumference of a Circle, Area of Circle

Part 2 – Real Numbers

1. Calculate

a) $7 + (-3) =$ _____

b) $(-2) + (-9) =$ _____

c) $(-15) \div 5 =$ _____

d) $(-6) \times (-9) =$ _____

e) $3 \times (-4) + 5 \times (-6) - 10 =$ _____

f) $\left(-\frac{5}{6}\right) \left(-\frac{7}{8}\right) =$ _____

Review: Adding and Subtracting Negative Numbers, Multiplying Negative Numbers

Part 3 -Elementary Algebra

1. + B== 2 = J @= F5 PDA J=>^{6} = _____

Review Evaluating Expressions with two variables

2. Simplify(F2 T^{6} U^{7})(F4 T^{9} U^{8}) = _____

Review Multiplying Monomials

3. $\frac{5\ 9\tilde{a}^{0}}{9\tilde{a}^{5}}$ = _____

Review Dividing Monomials

4. Simplify and gather like terms
   5(3a– 2) – 4(3a– 1)

Review the Distributive Property, Gather Like Terms

5. Simplify and gather like terms

   9 T F(2 T^{6}+ 5) + (7 T^{6} F4 T+ 2))

Review Subtracting Polynomials, Gather Like Terms

6. Multiply and simplify

Review Multiplying Polynomials

a) $(2T+5)(3T-2)$

b) $(T+3)(5T^6-2T+1)$

c) $(2T+3U)^6$

7. Factor

a) $3U^6-18U$

Review

8. Simplify $\frac{k6\ 5\ddot{e}^{1}\grave{\imath}\cdot o?(\ 5\ 8\ddot{e}\cdot\ \grave{\imath}\cdot)}{;\ \ddot{e}\cdot\ \grave{\imath}}$

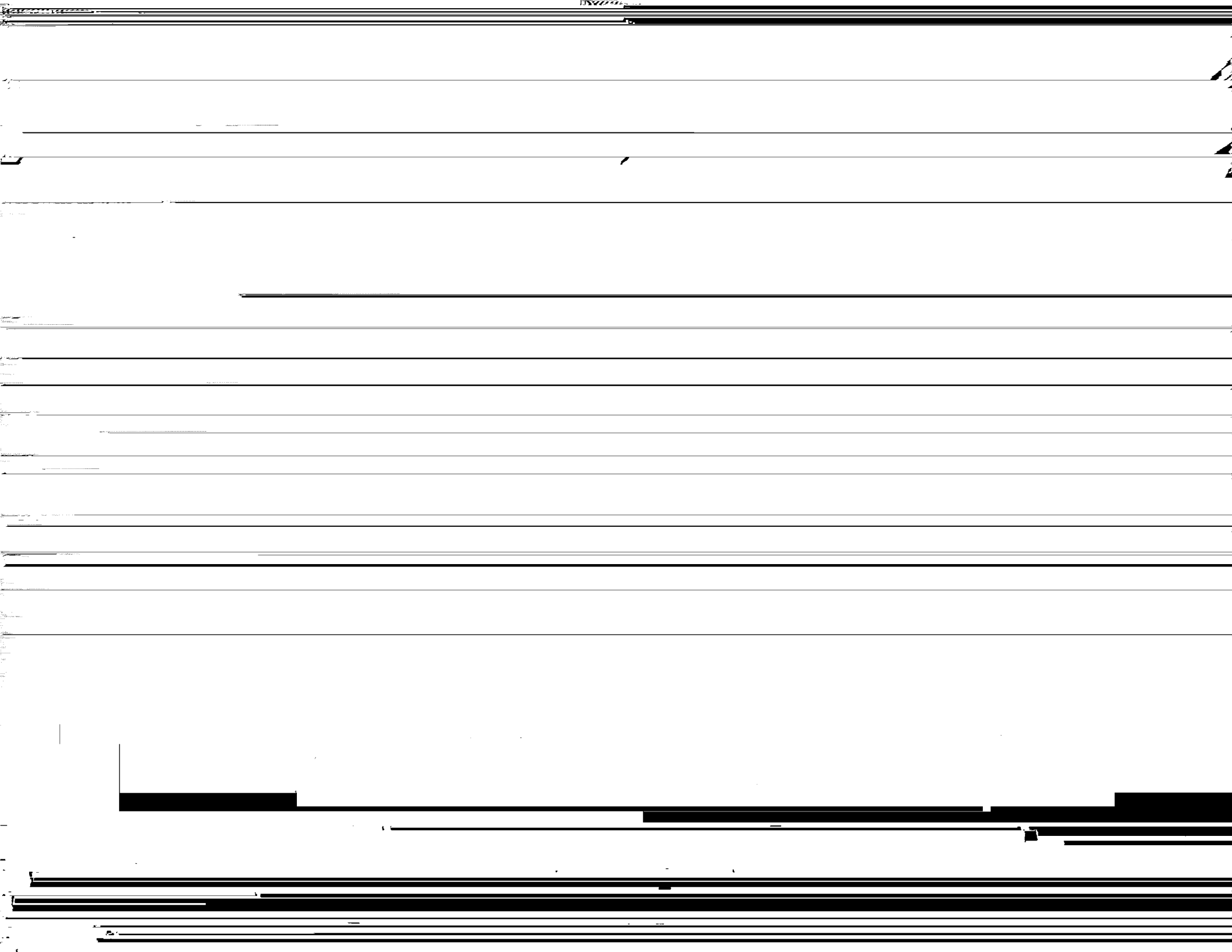
11. A rectangular yard has an area of 72 ft^2. If the length of the yard is twice the width, what is the perimeter of the yard?

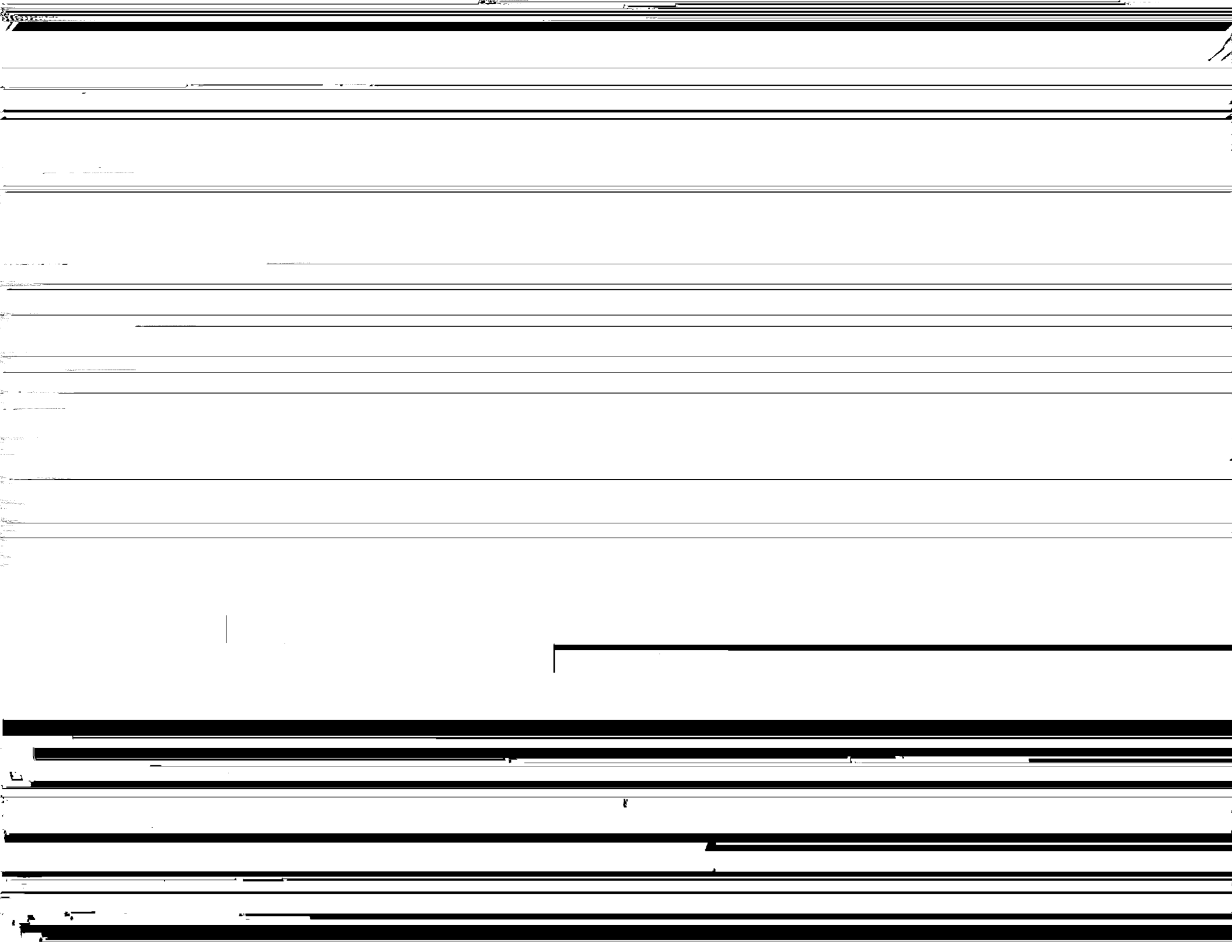
12. Write the equation of the line containing the points (−1, 3) and (2, 0)

Review [Writing an Equation of a Line Given 2 points]

Part 4 –Trigonometry

1. Given a right

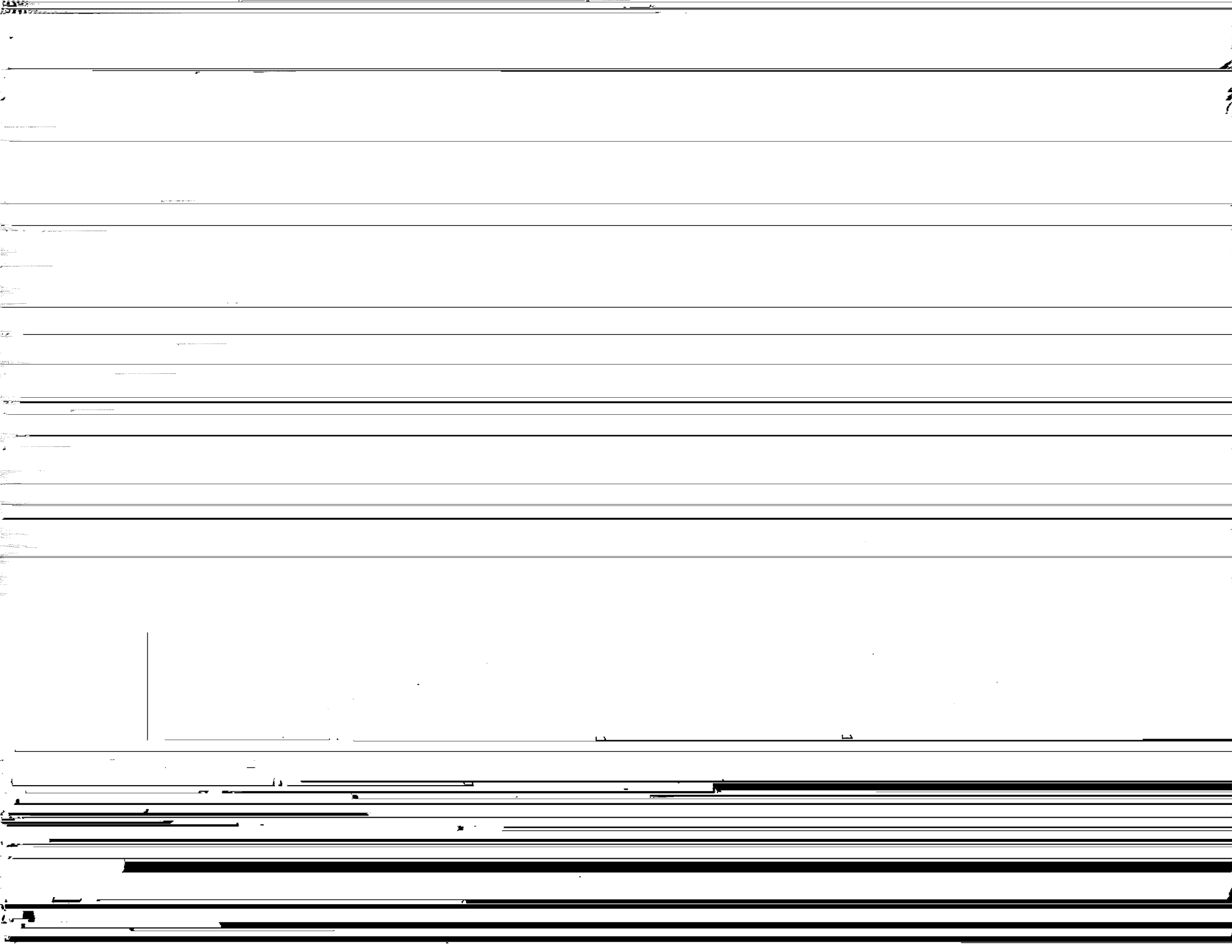




3. 1

4. S

5. S

6.

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