

Appendix

Standard Values of Some Physical Quantities

Densities in gm/cm^3

Aluminum 2.70

Brass 8.44

Copper 8.87

Iron 7.87

Lead 11.37

Wood 0.4 - 0.8

Alcohol 0.79

Young's Modulus in 10^{11} dyne/cm²

Brass 9.0 - 10.2

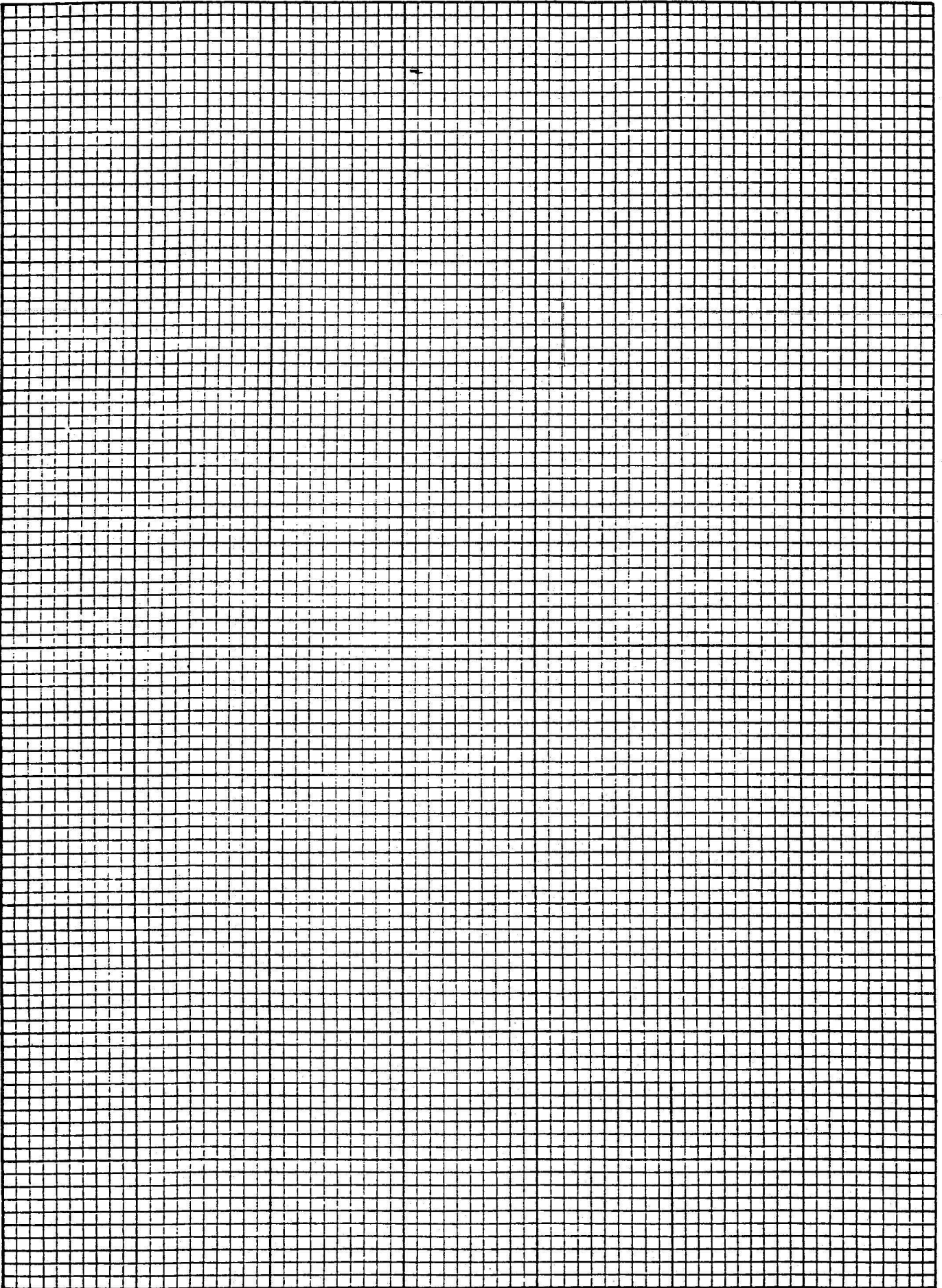
Steel 19.5 - 20.6

India rubber 0.05

$$g = 980 \text{ cm/s}^2$$

$$= 9.8 \text{ m/s}^2$$

$$J = 4.186 \text{ joule/calorie}$$

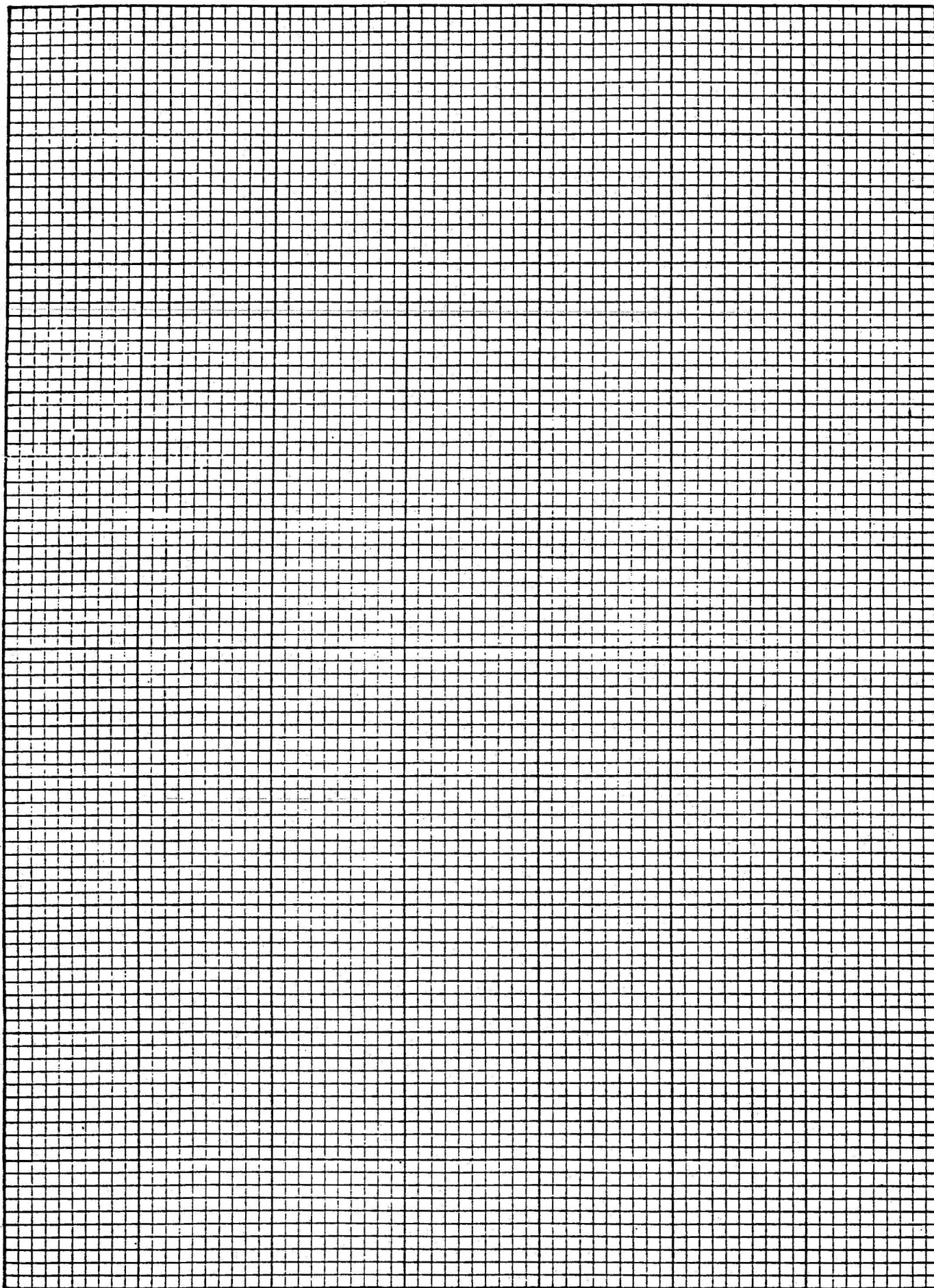


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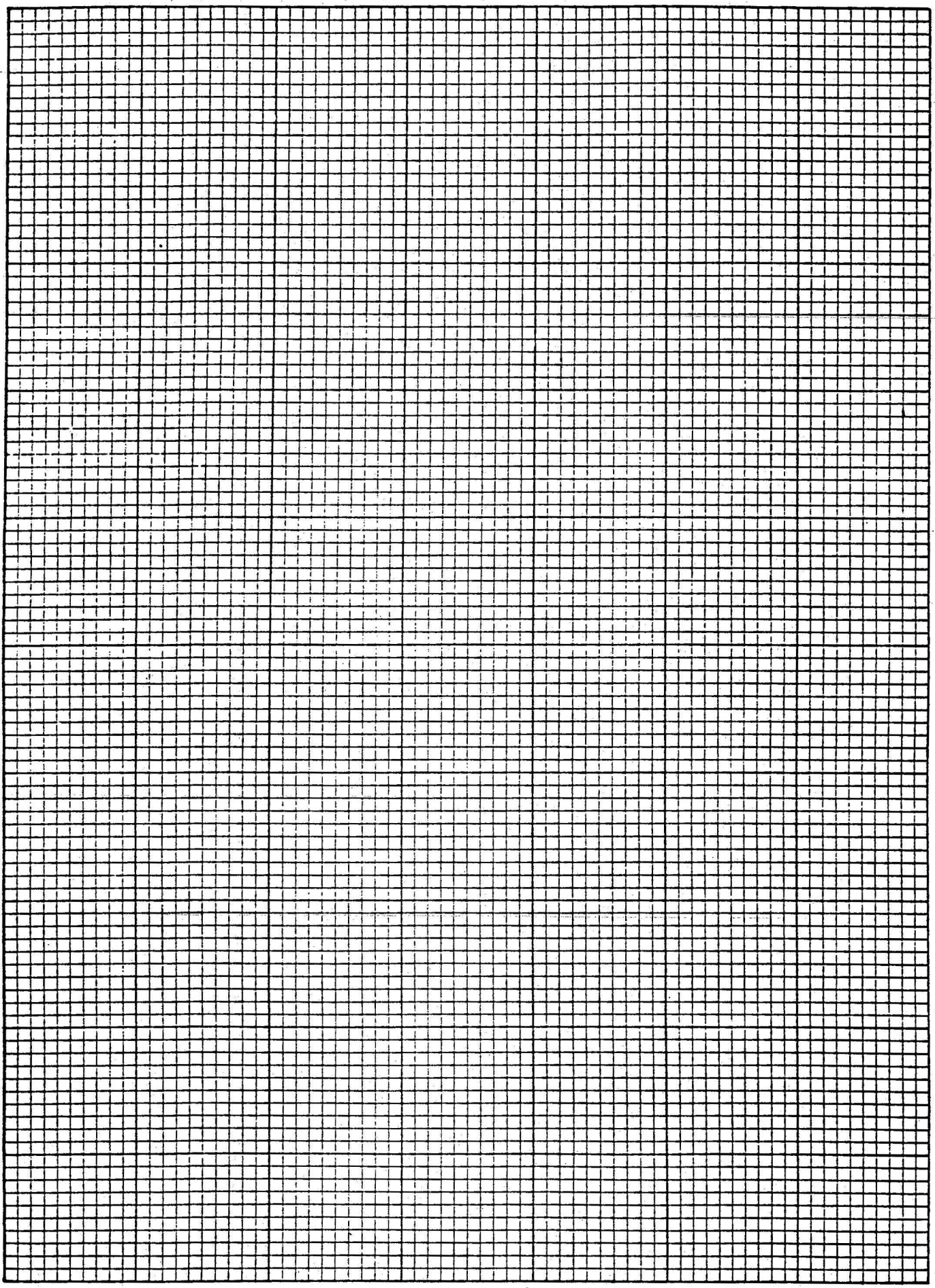
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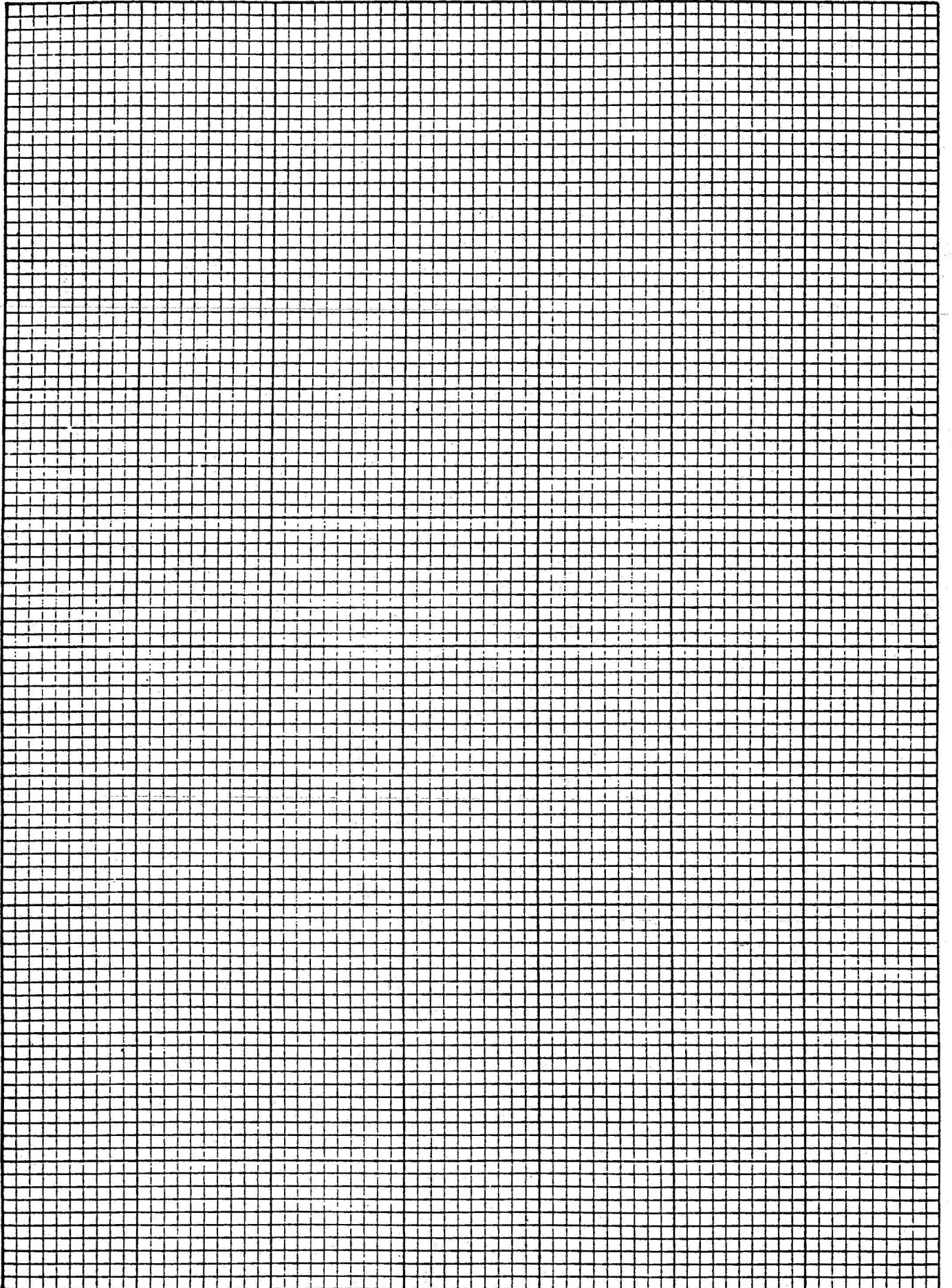


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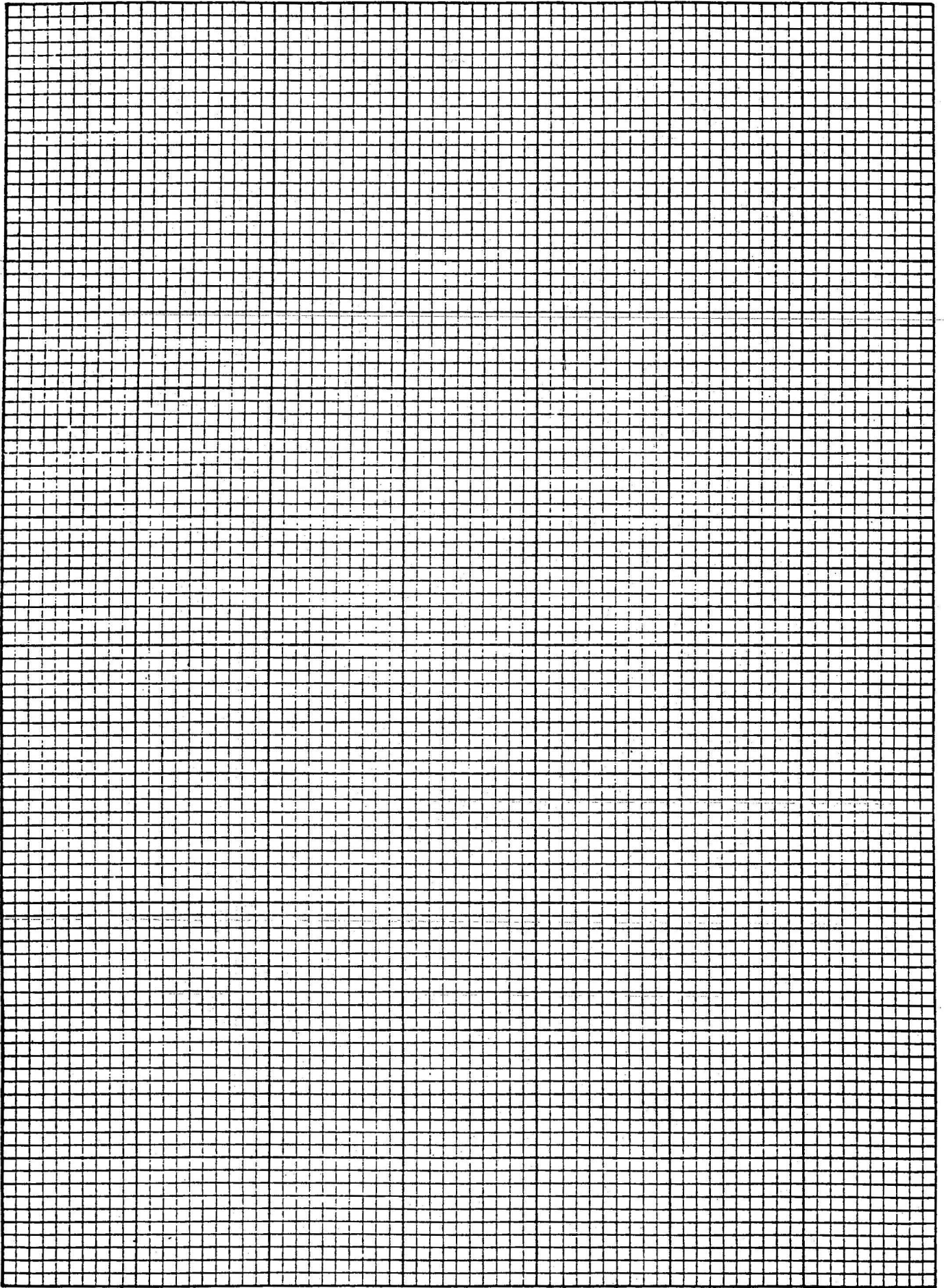
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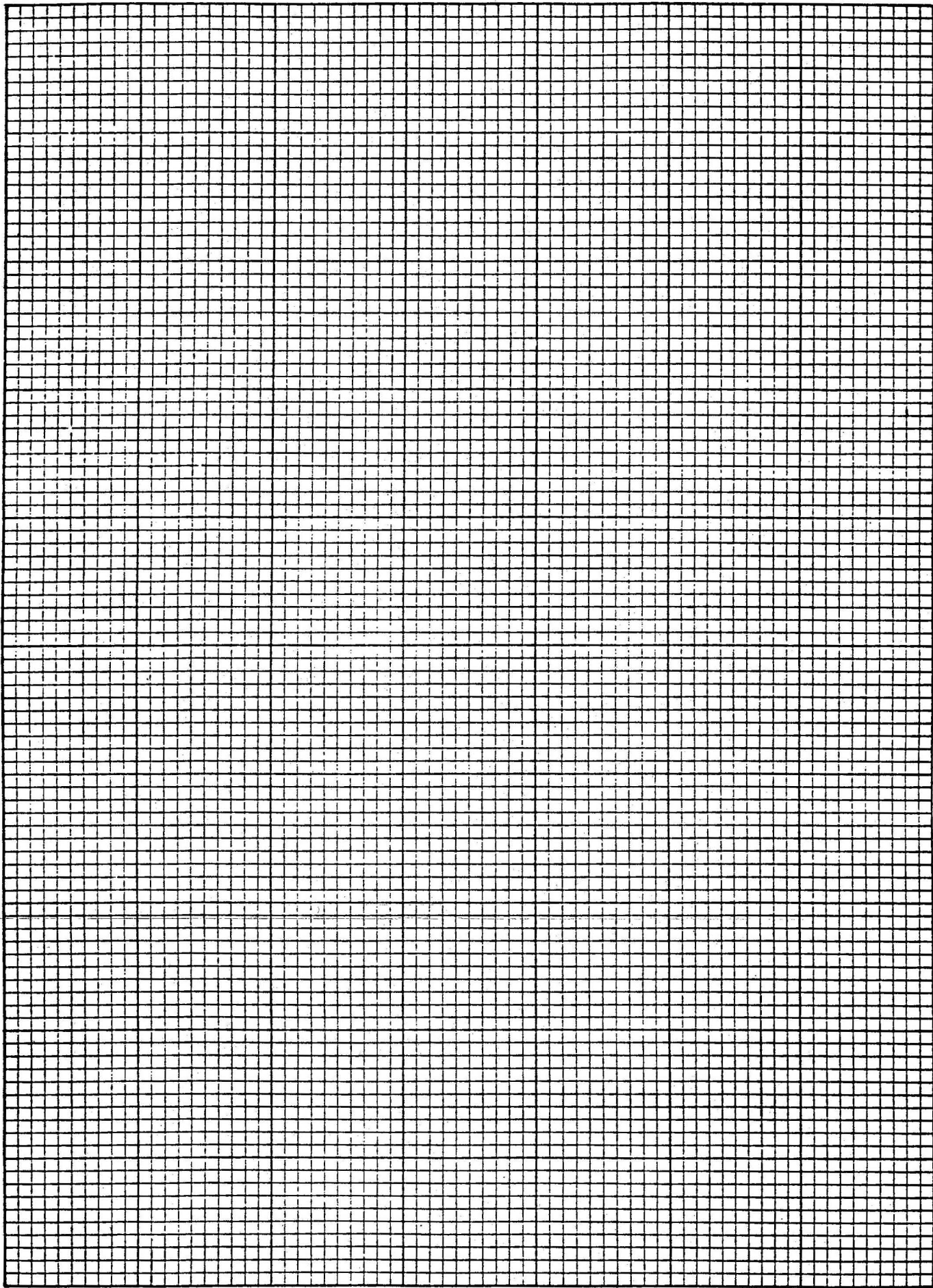


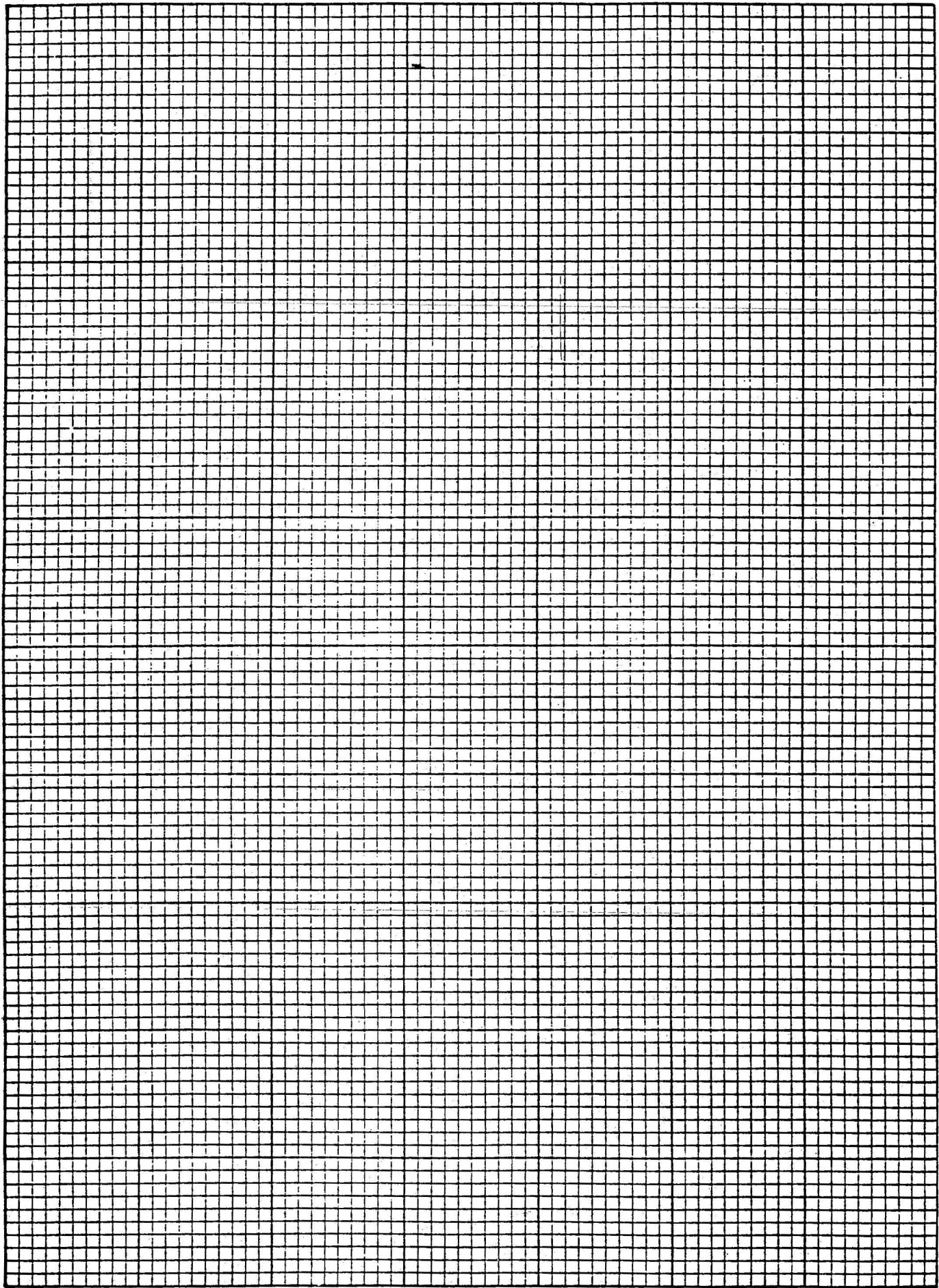
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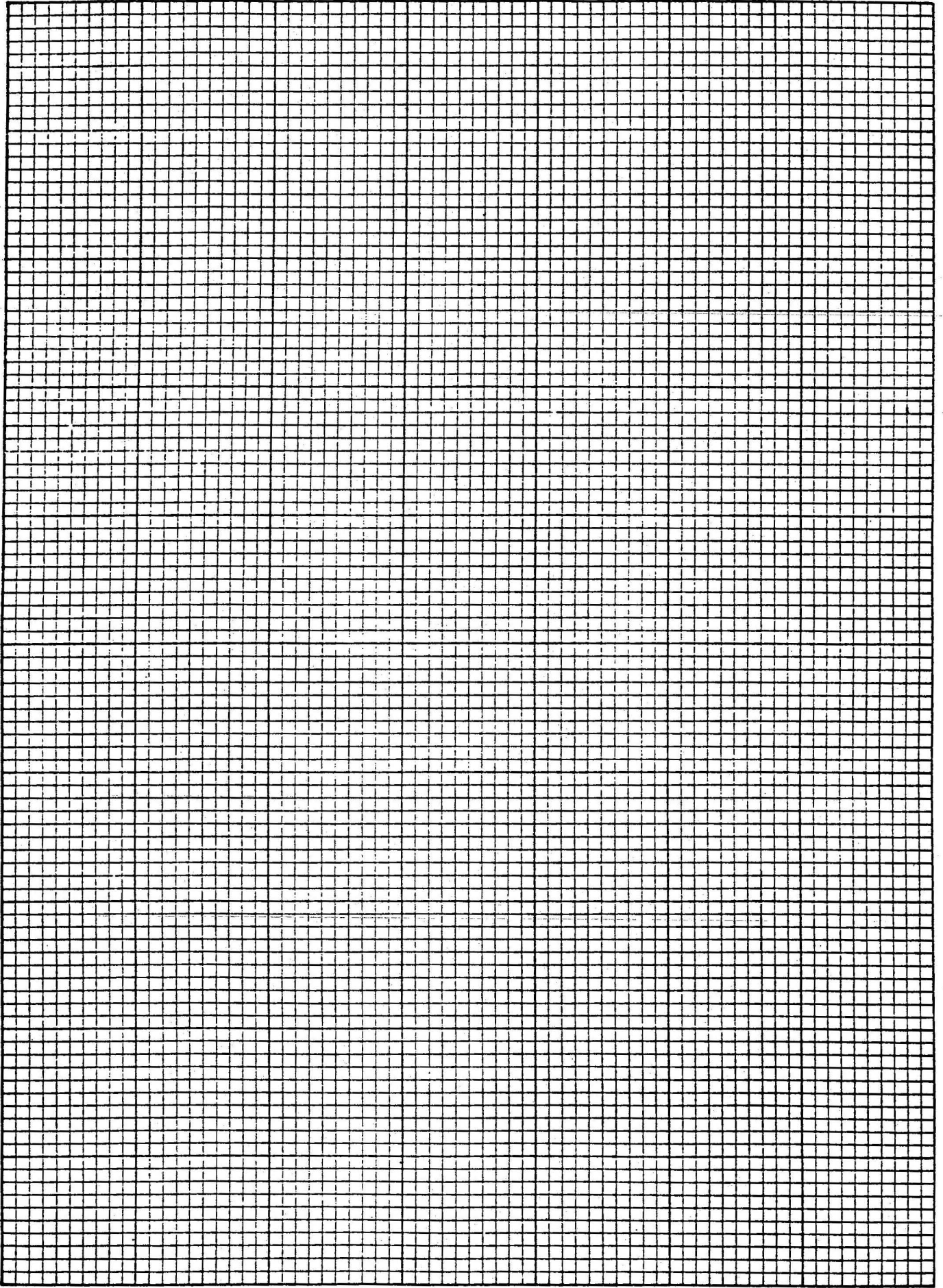


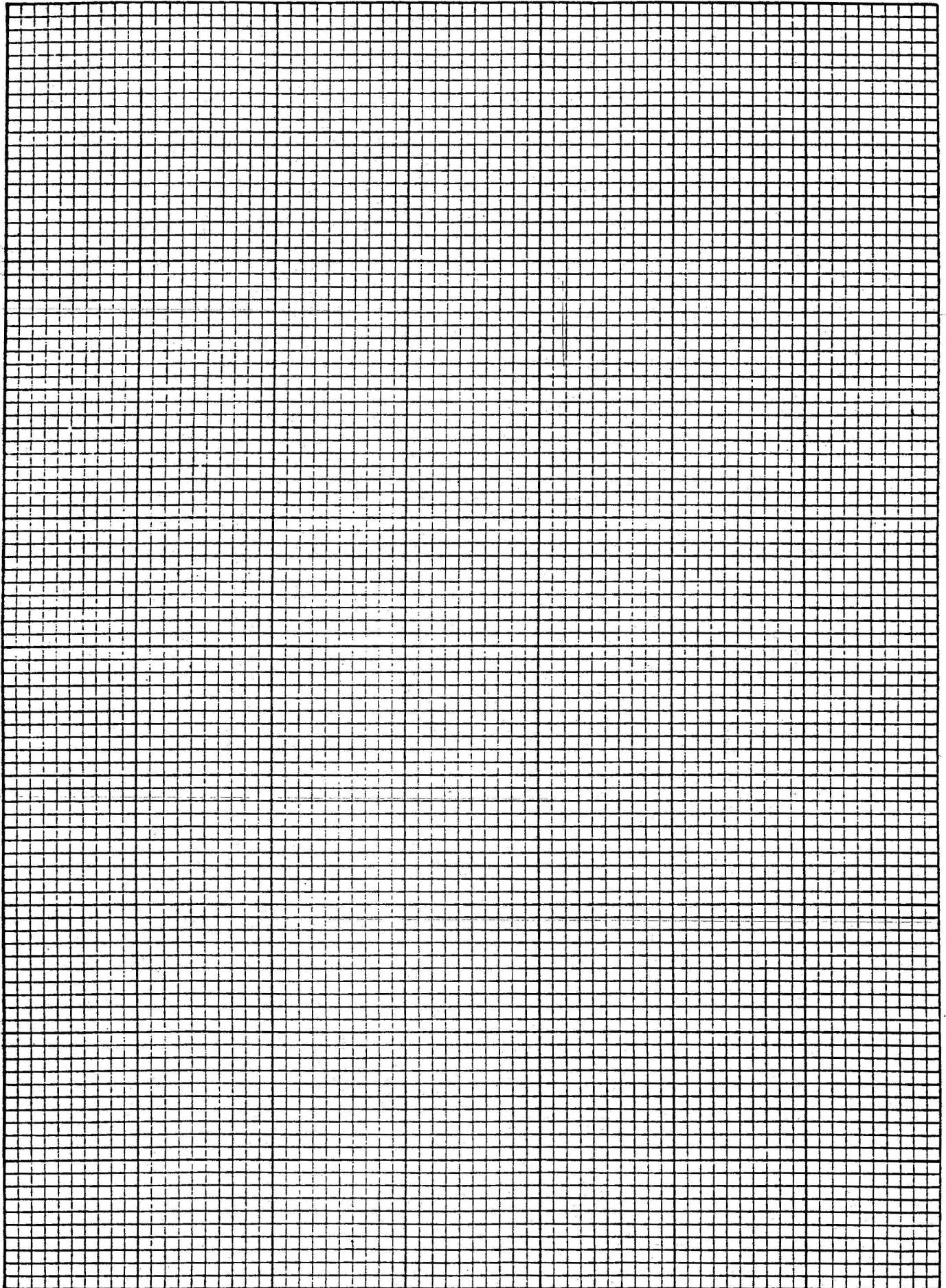


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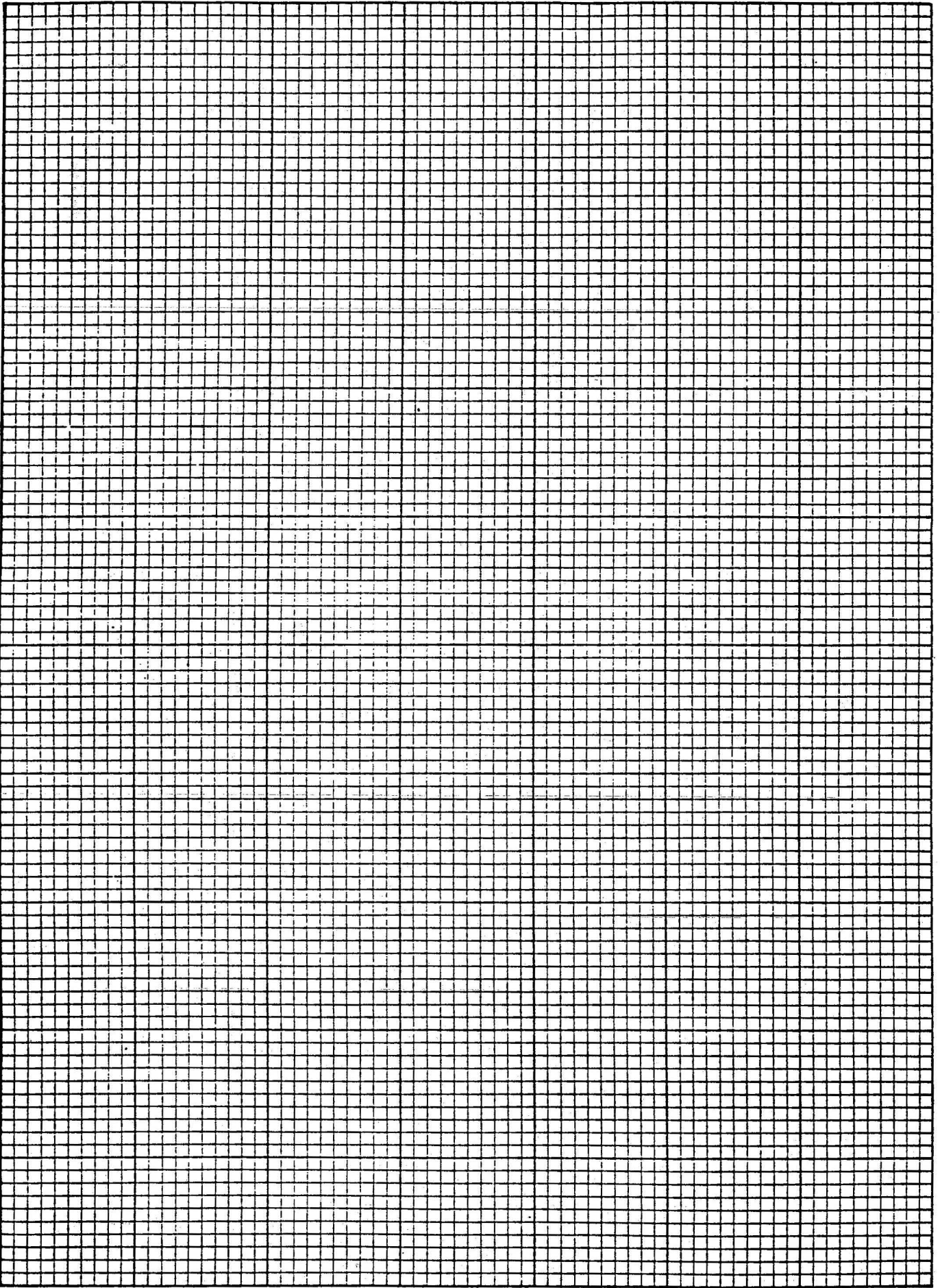
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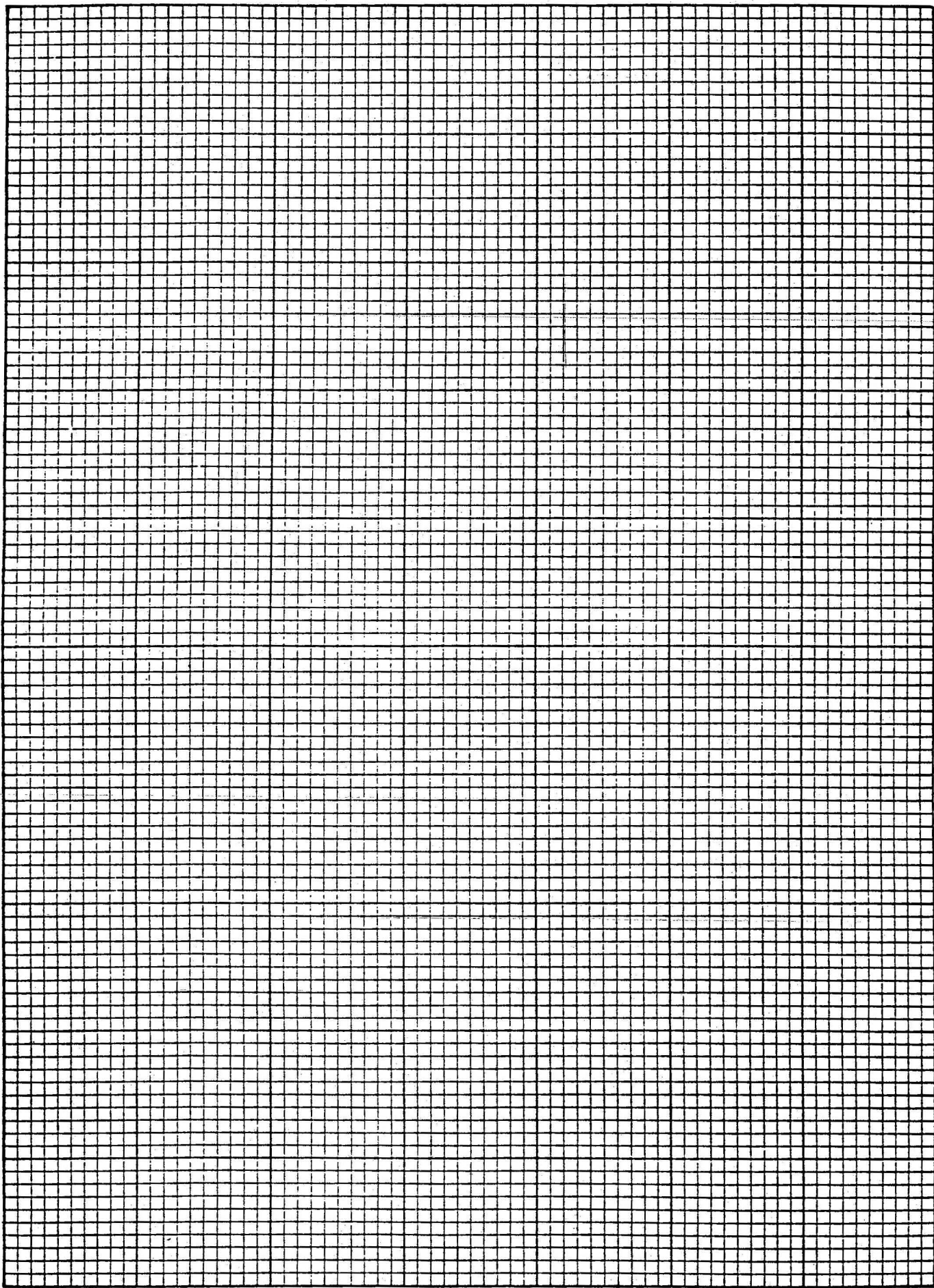
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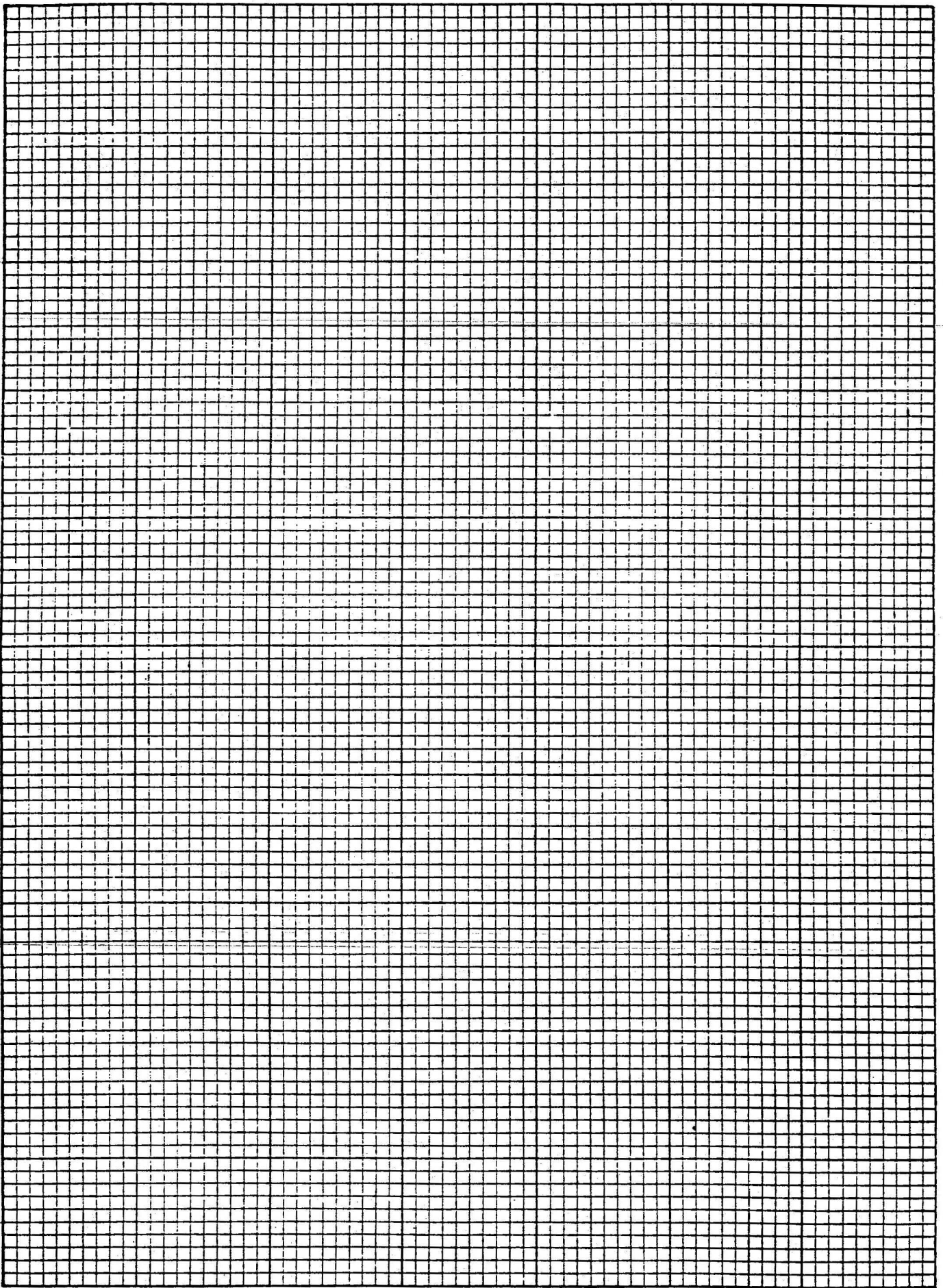
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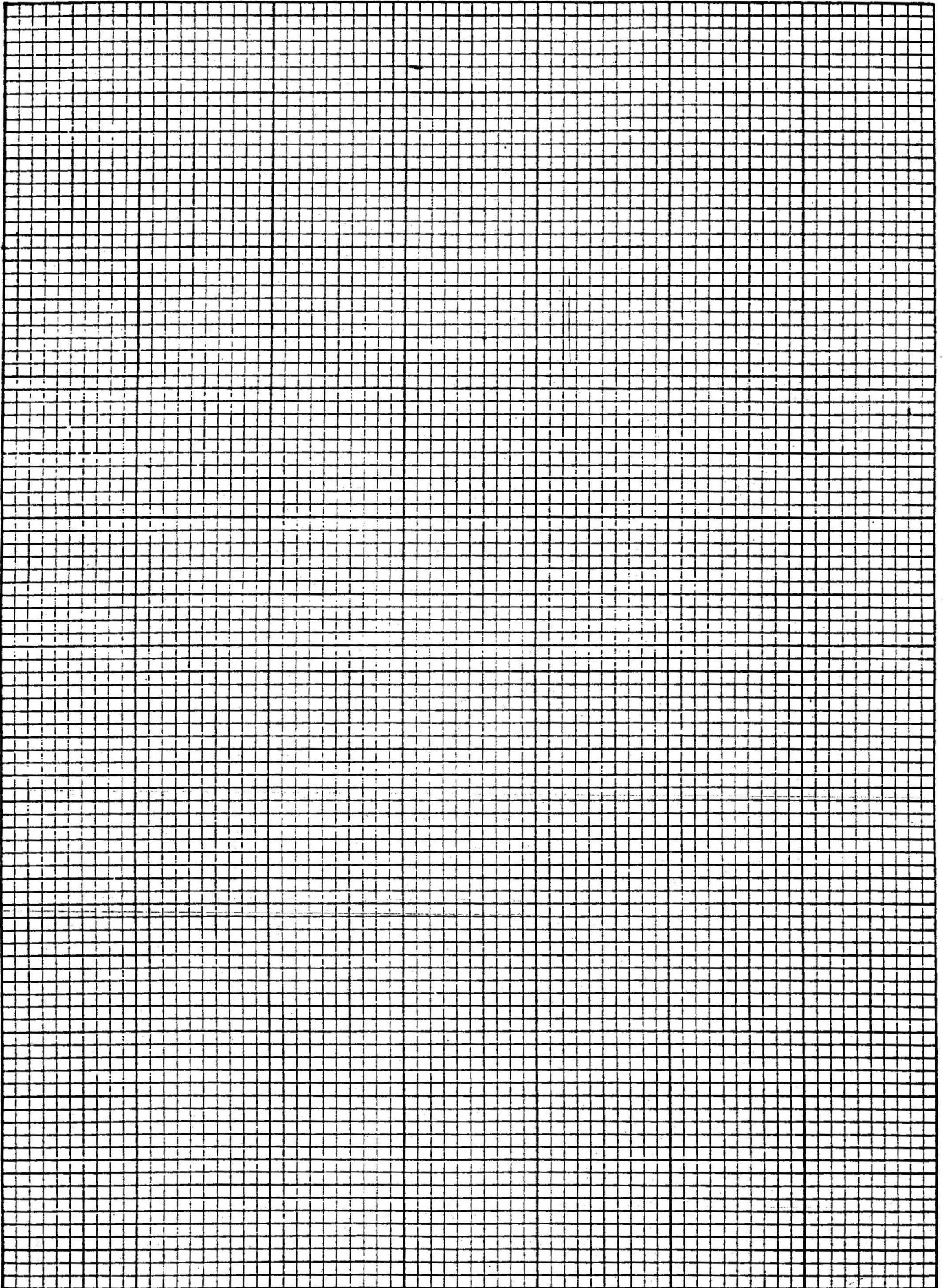
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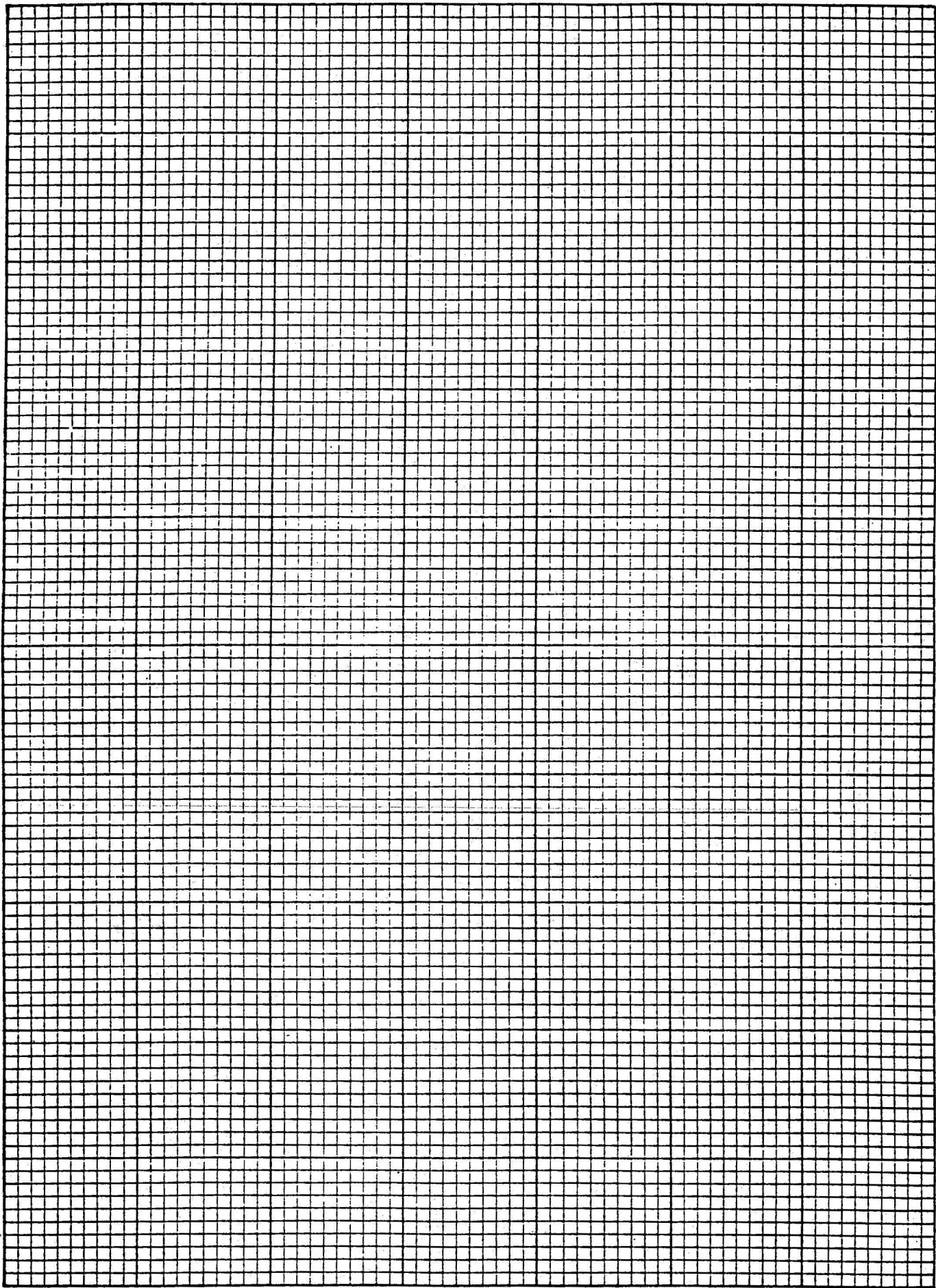
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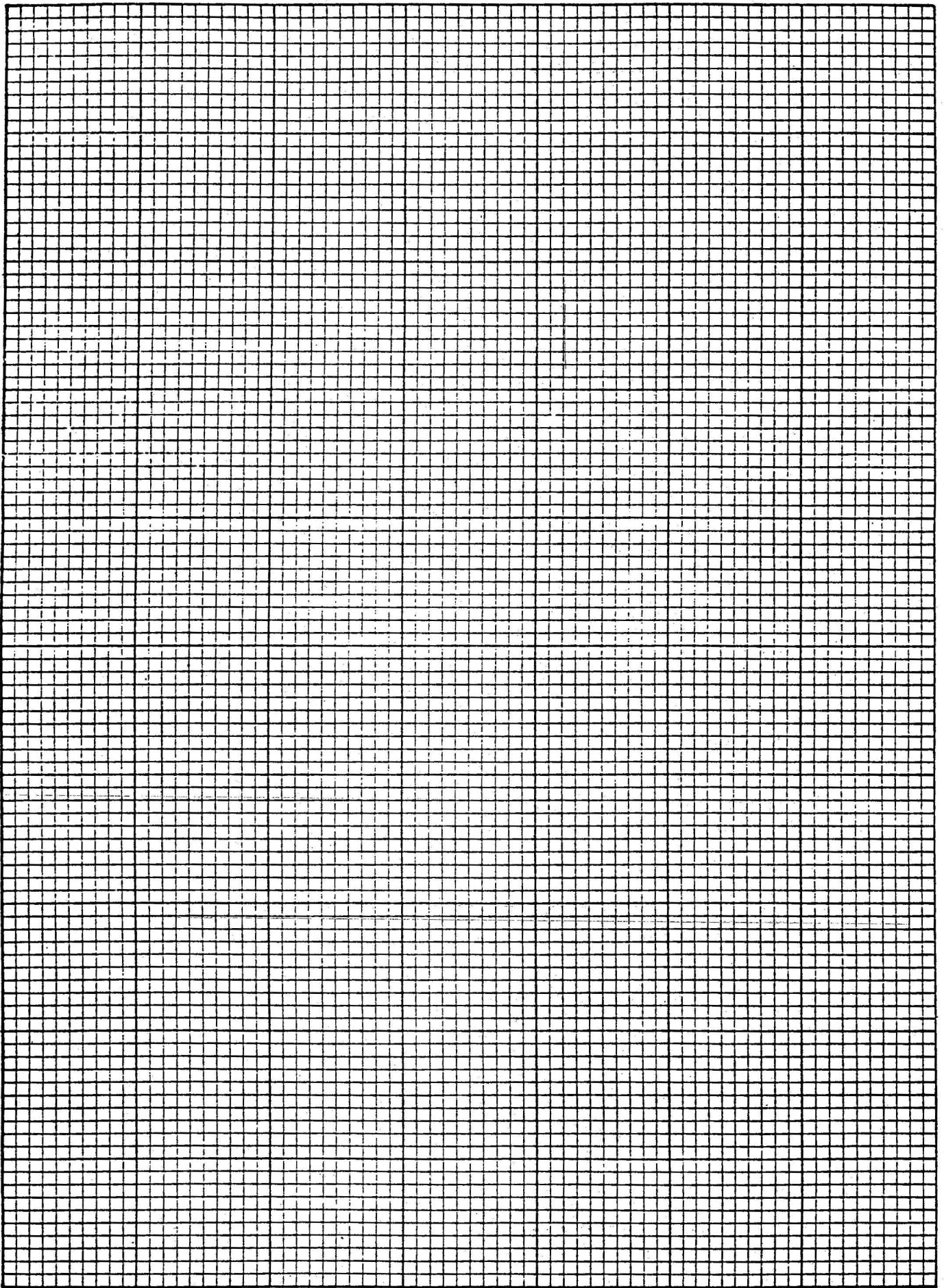




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