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

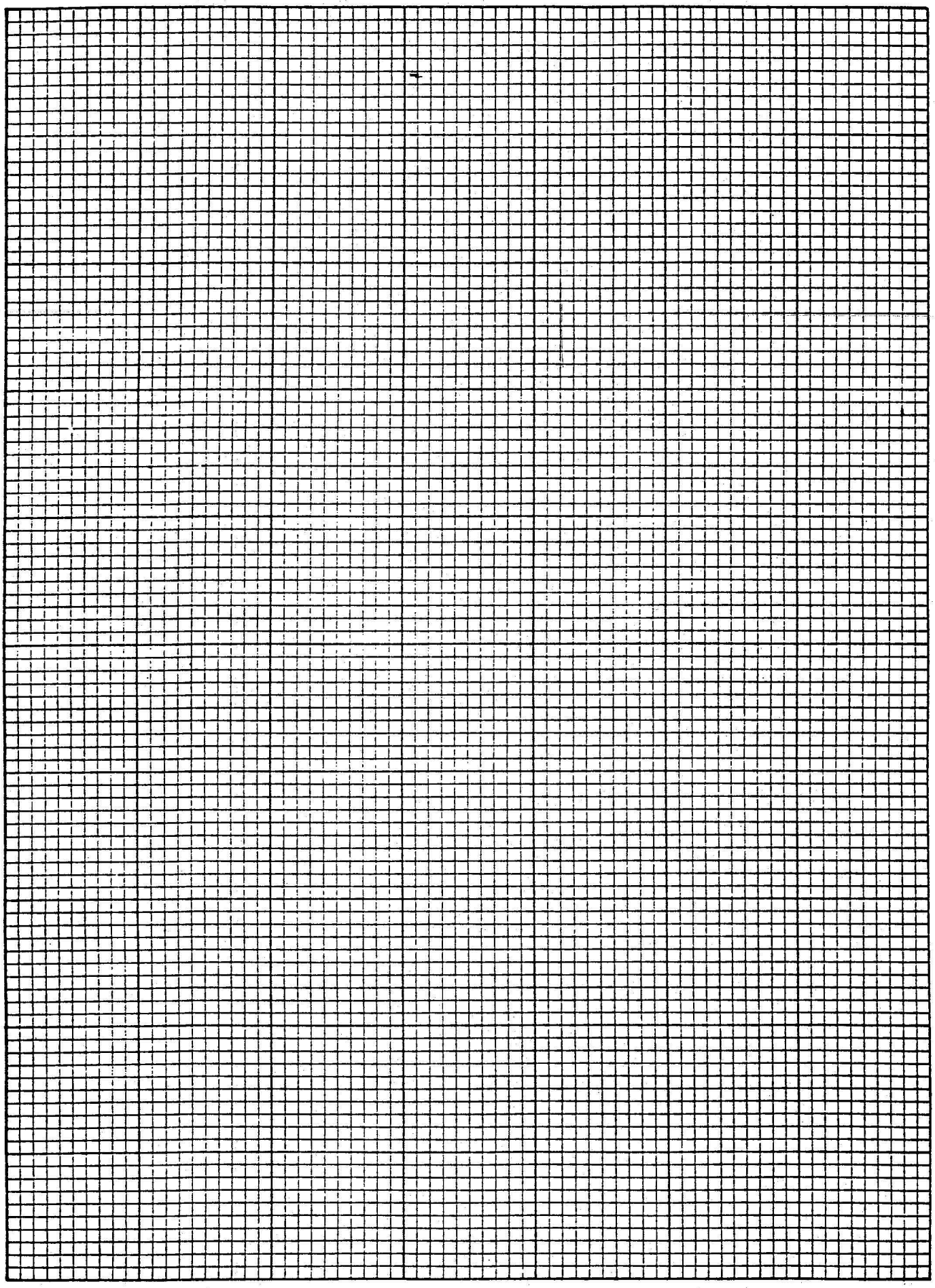
Young's Modulus in 10^{11} $dyne/cm^2$

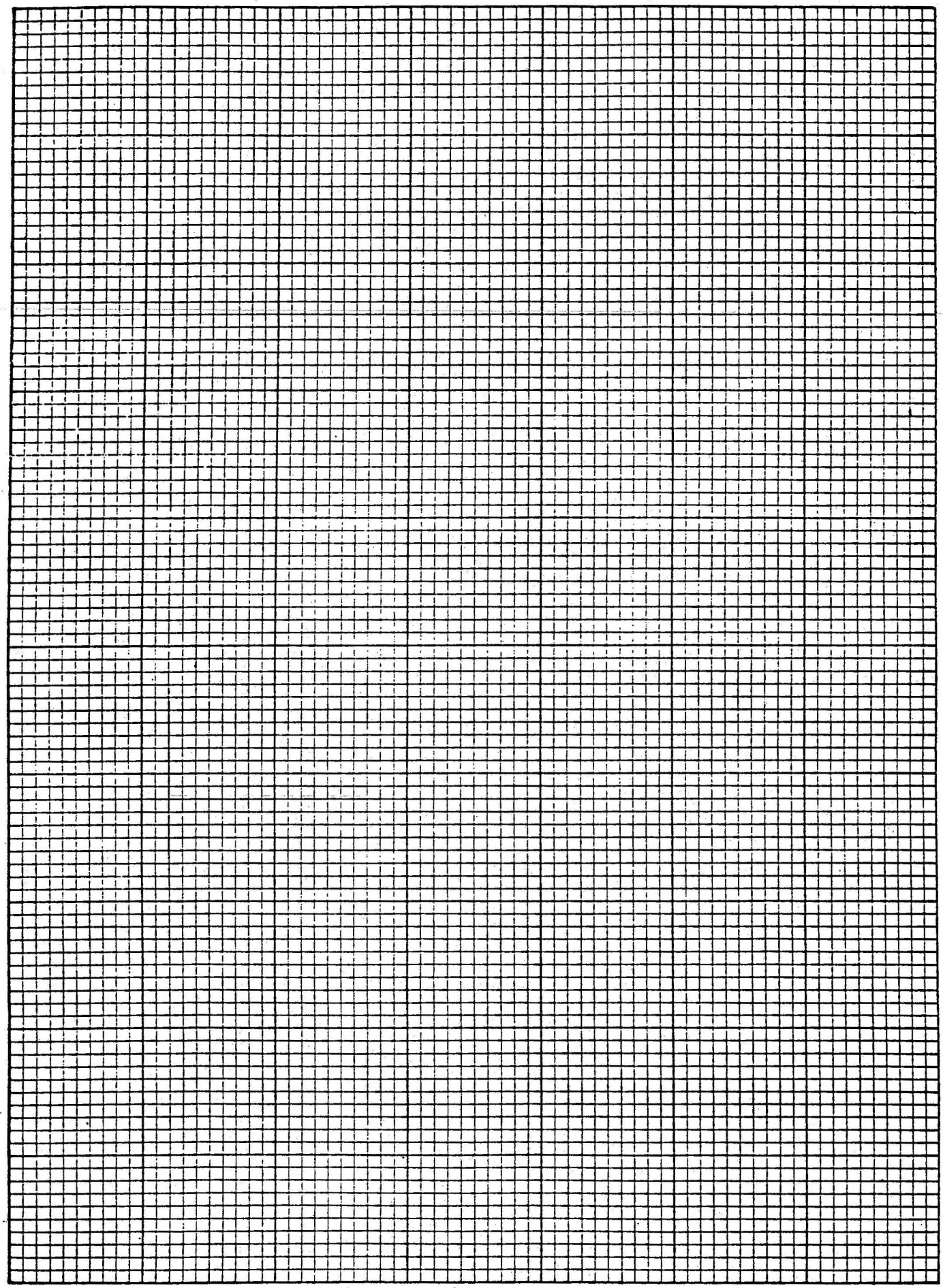
Brass	9.0 - 10.2
Steel	19.5 - 20.6
India rubber	0.05

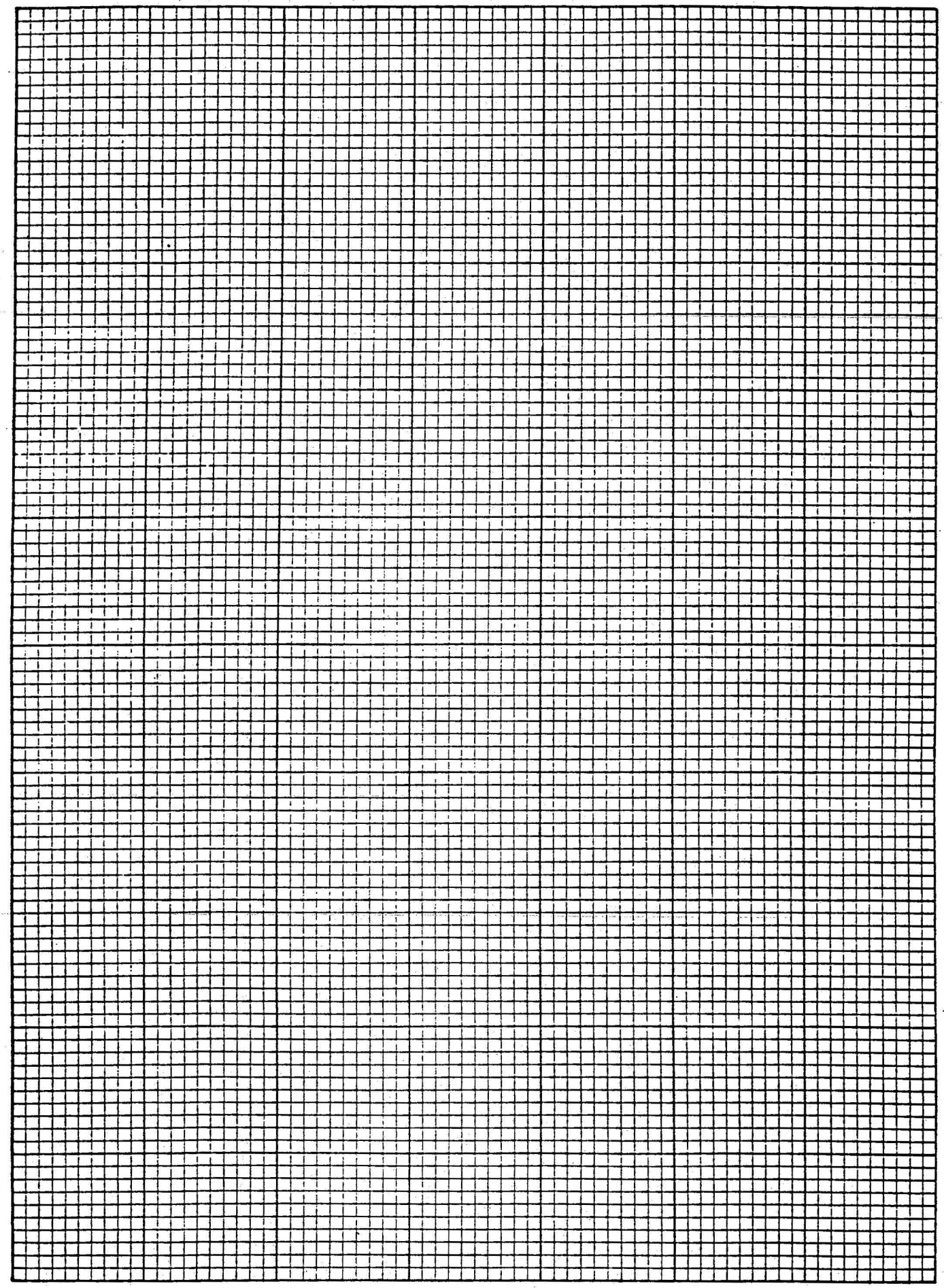
$g = 980\ cm/s^2$

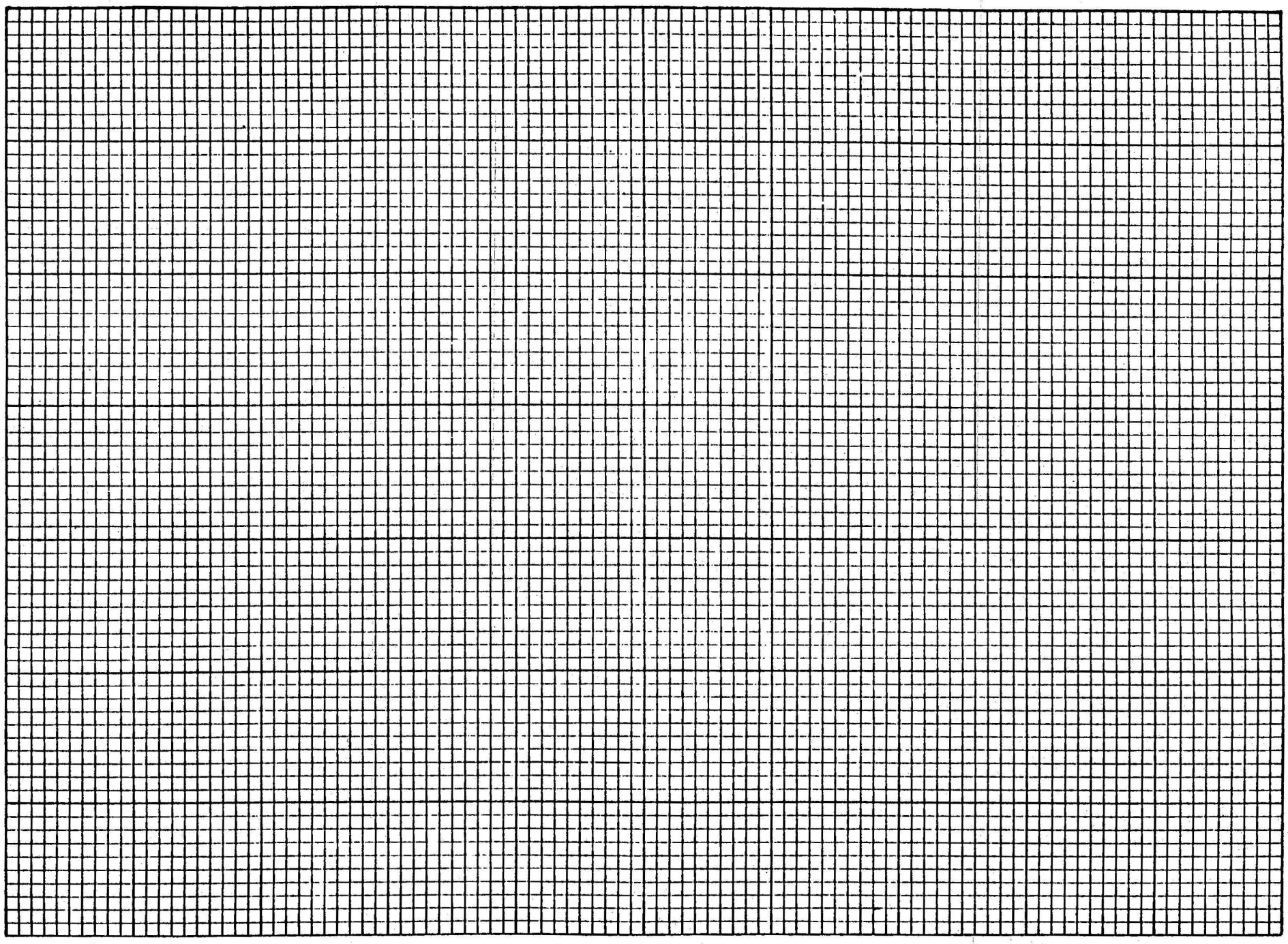
$= 9.8\ m/s^2$

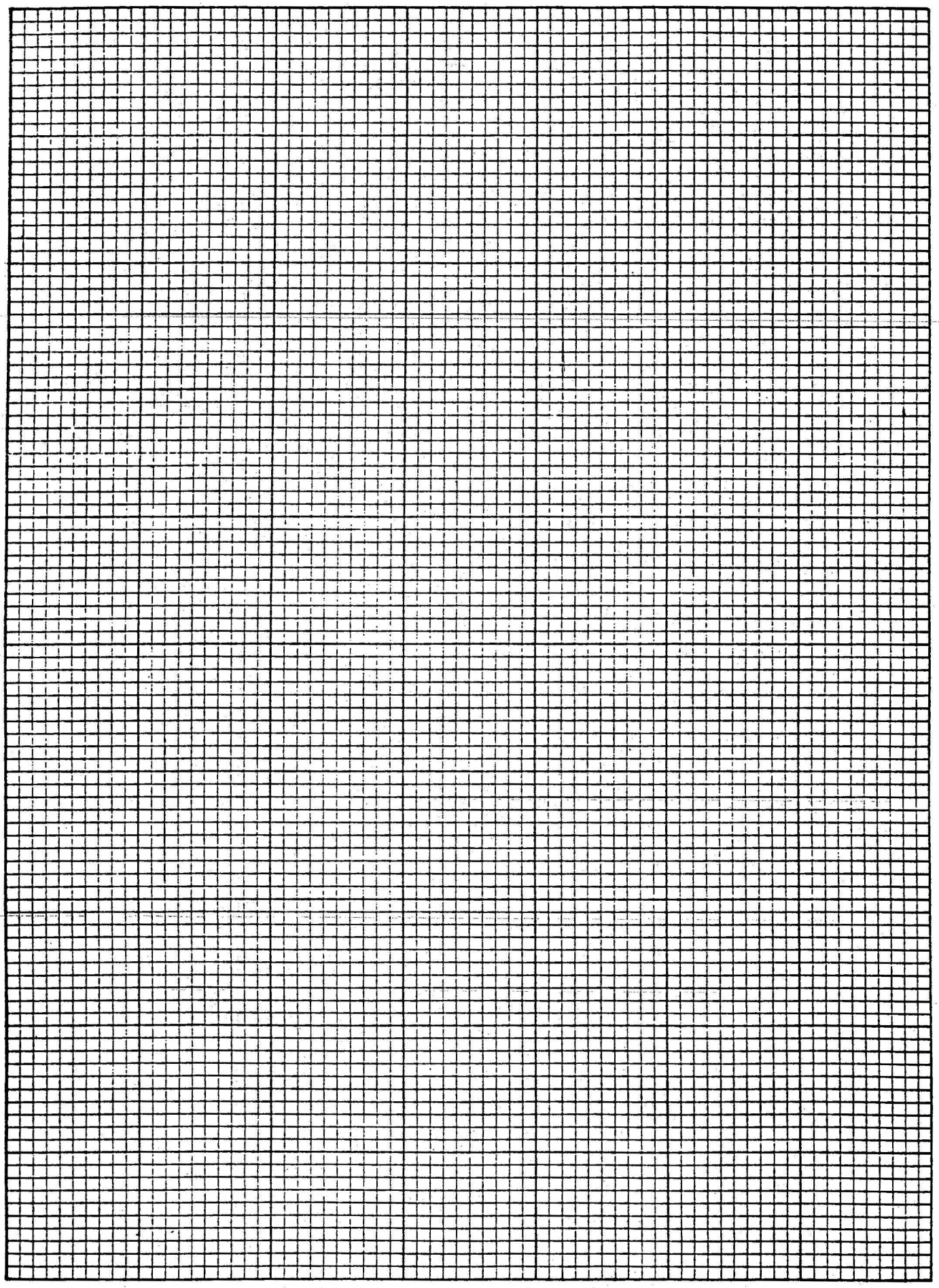
$J = 4.186$ joule/calorie

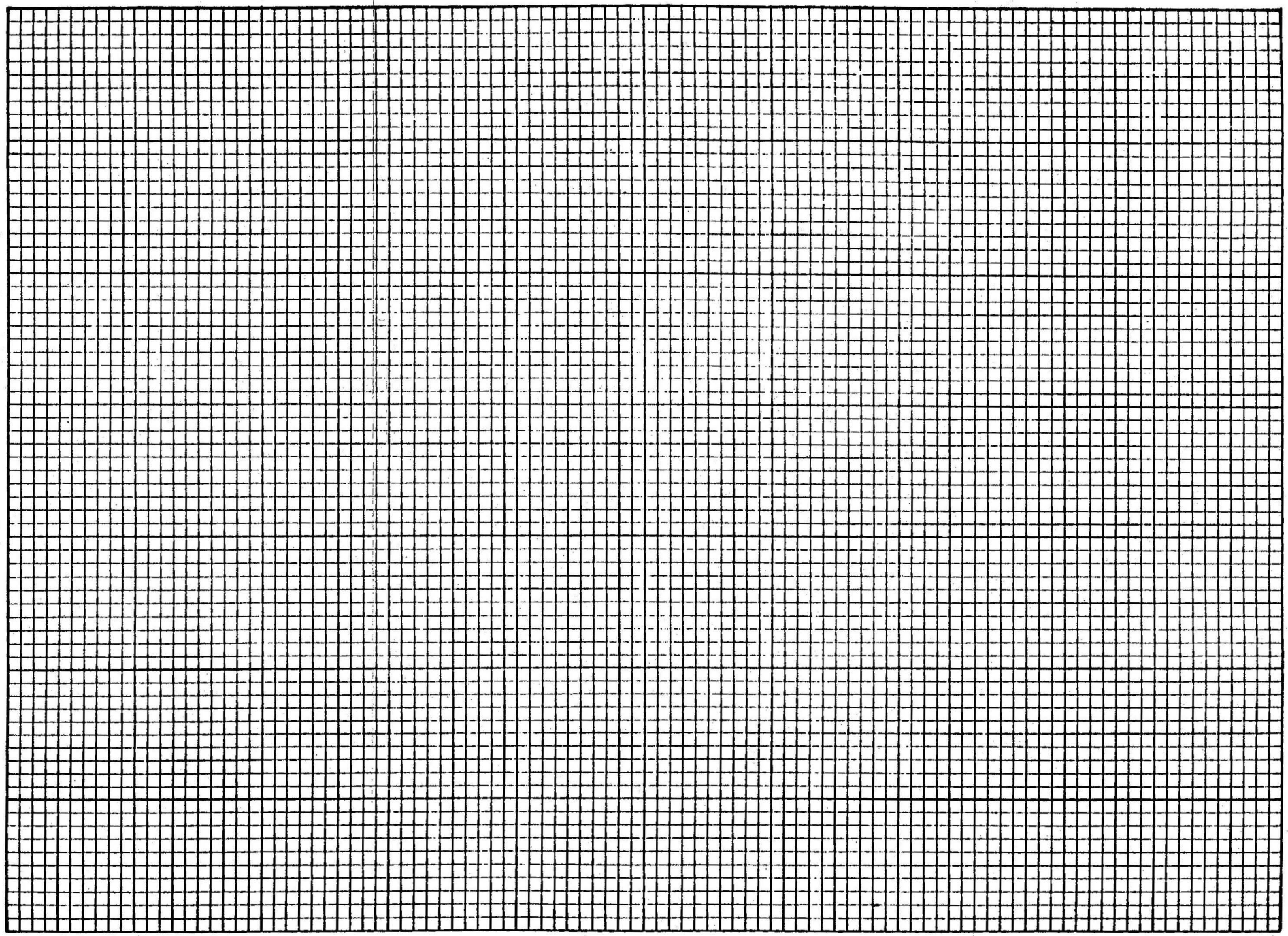












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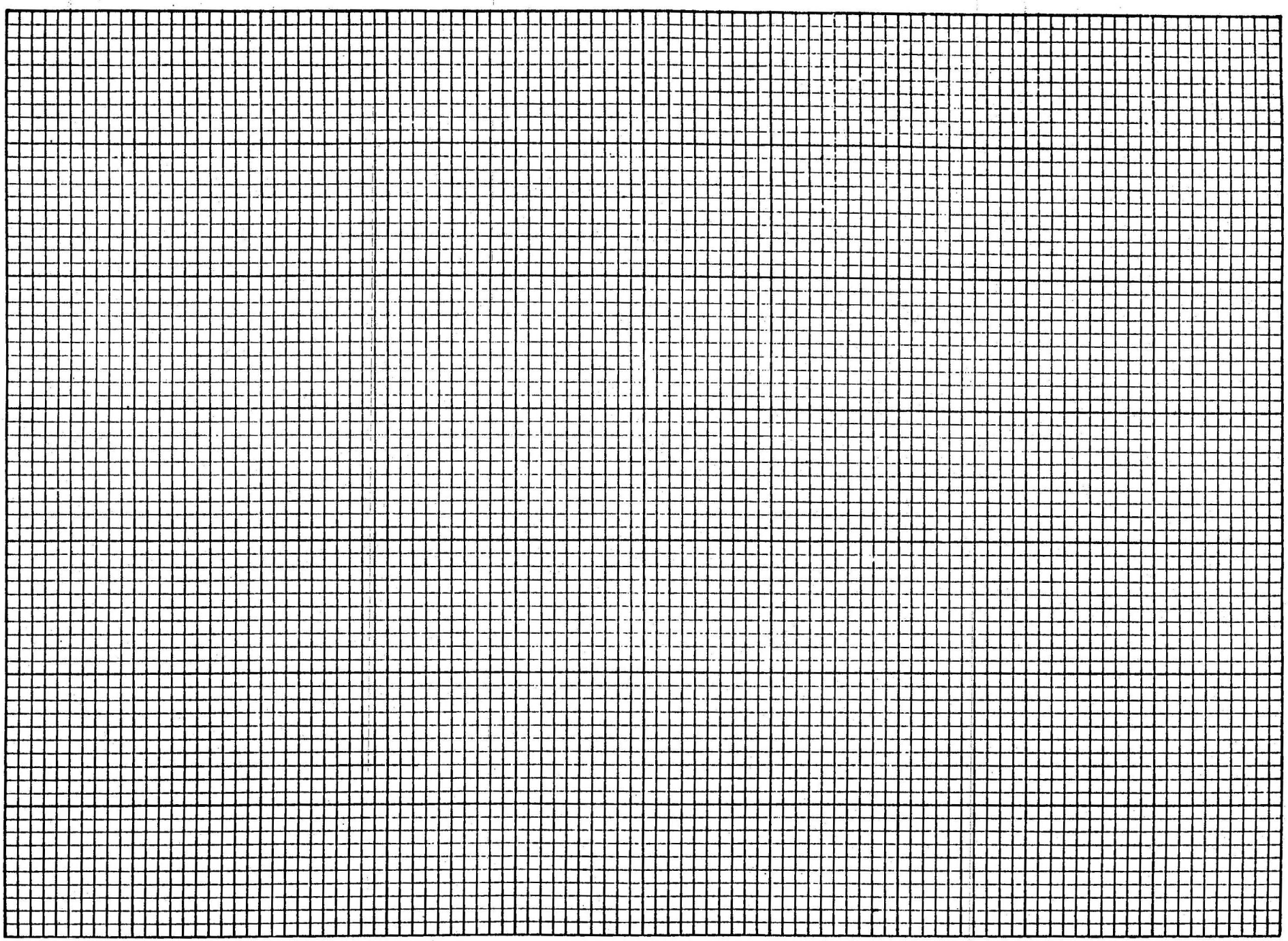

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