

# Graph Paper Master Copies

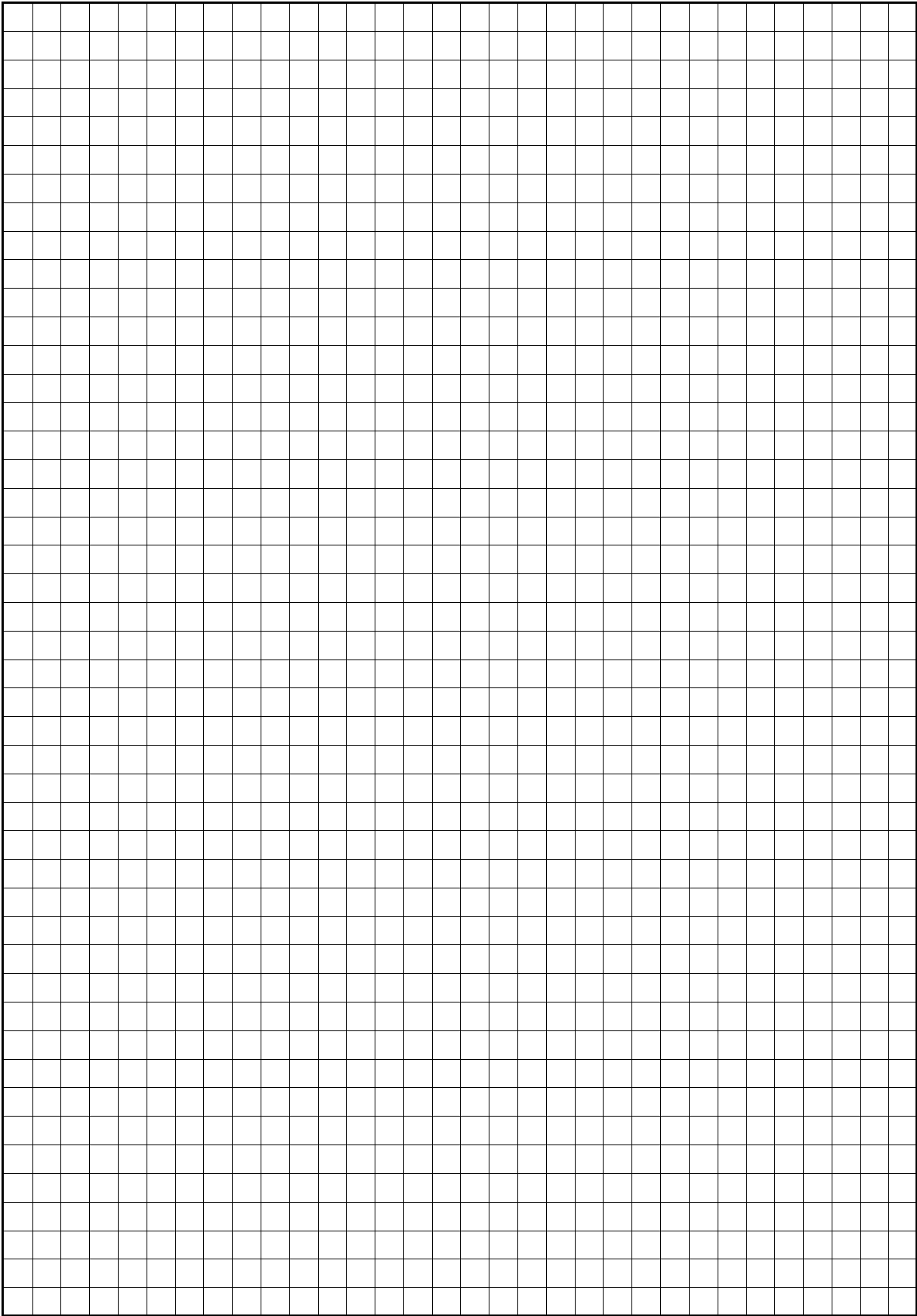
## Instructions for use:

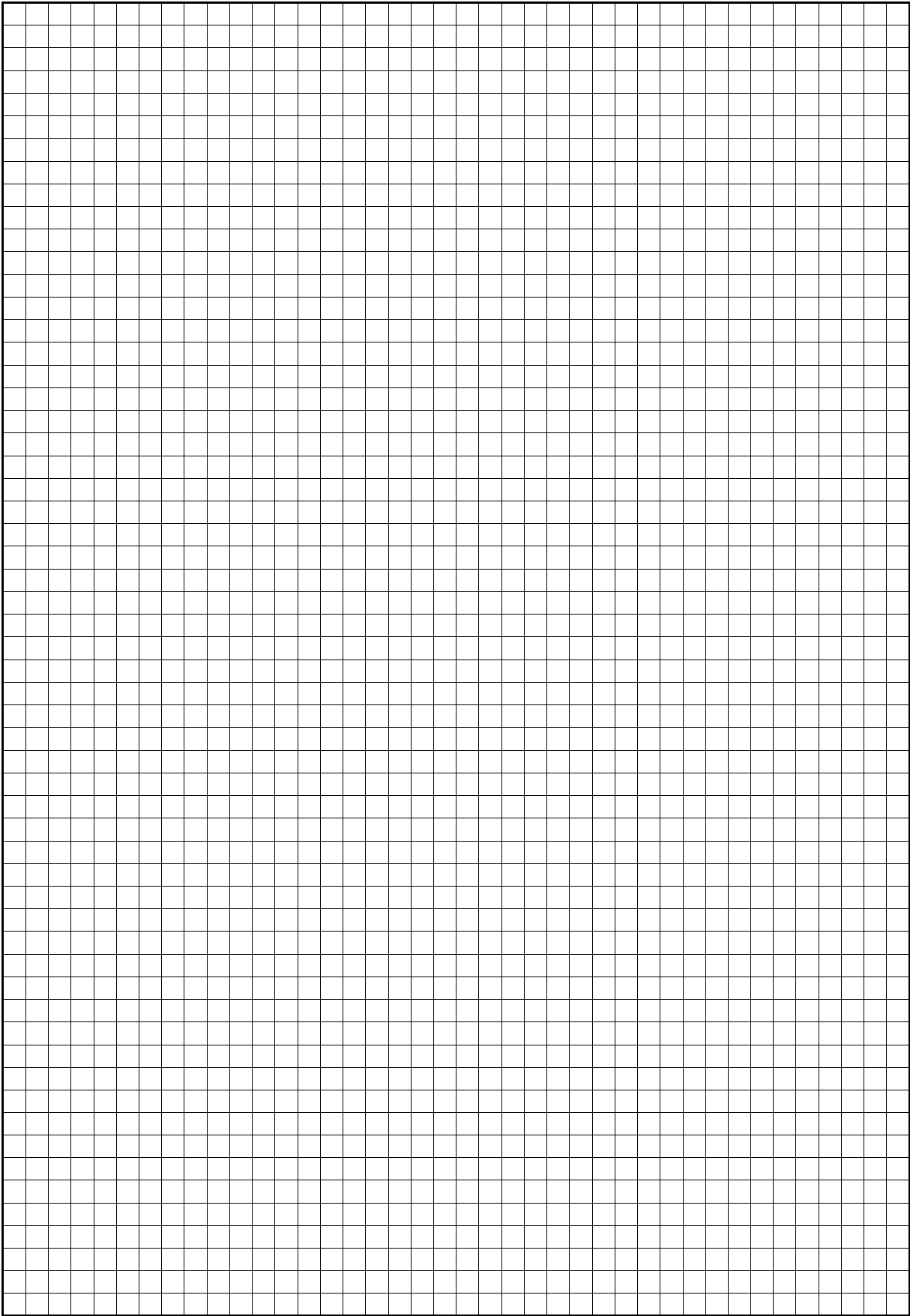
Included here are 15 of the most commonly required types of graph paper. Individual pages are unnumbered for uncluttered screen capture or immediate printing. They are provided copyright-free. You may make as many copies as needed for private use. The 3 cycle log-log style will cost you \$\$\$ a sheet at the typical college bookstore. Don't get ripped off.

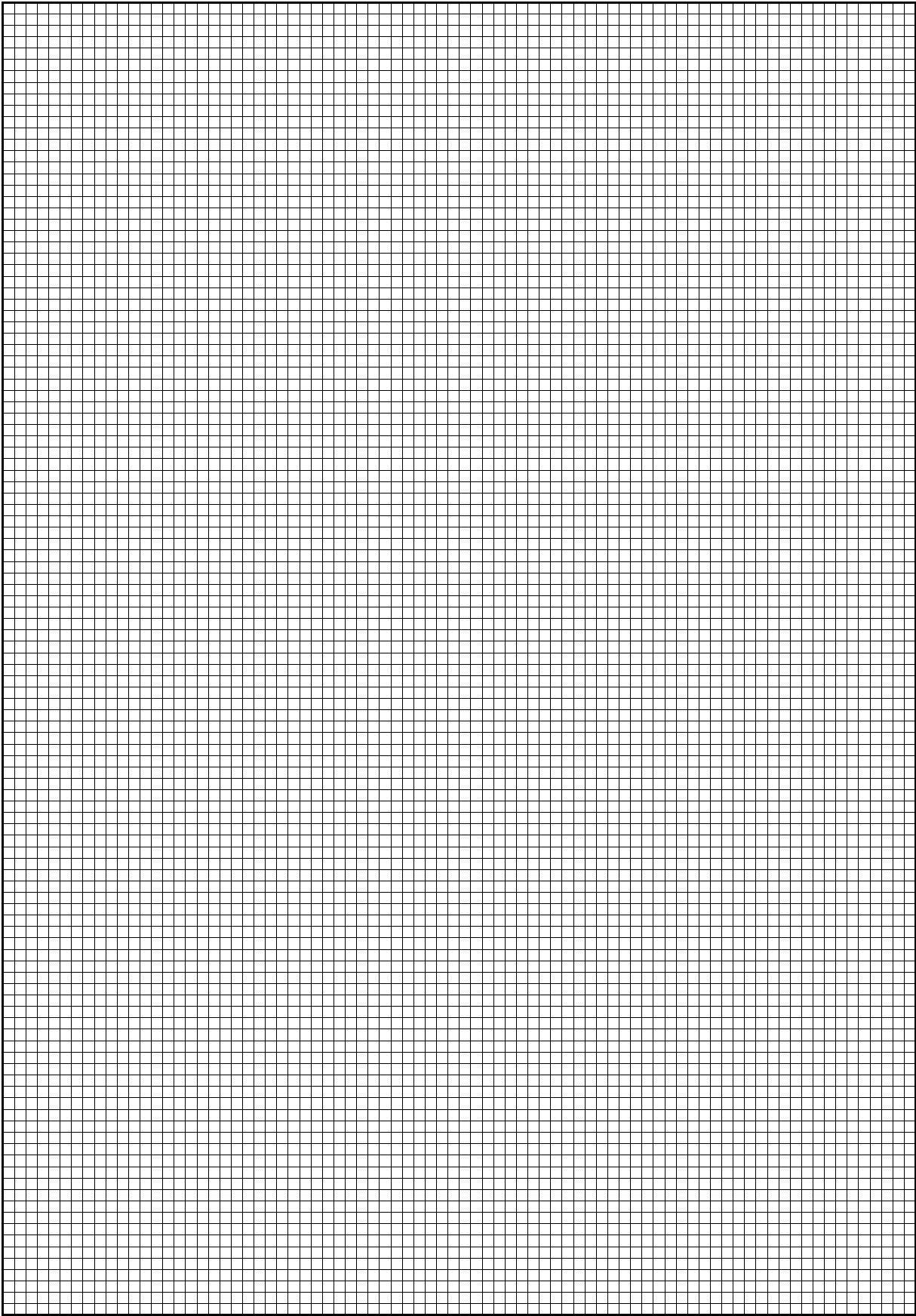
Note: Most copy machines reduce or enlarge slightly, even when set at 100%. This can cause a problem if exact scaling is required, for example, with blueprints or plans where X divisions must measure exactly Y inches. Some copiers allow you to adjust the copy size in increments of  $\pm 1\%$ . Experiment with this and you should get the scale close enough.

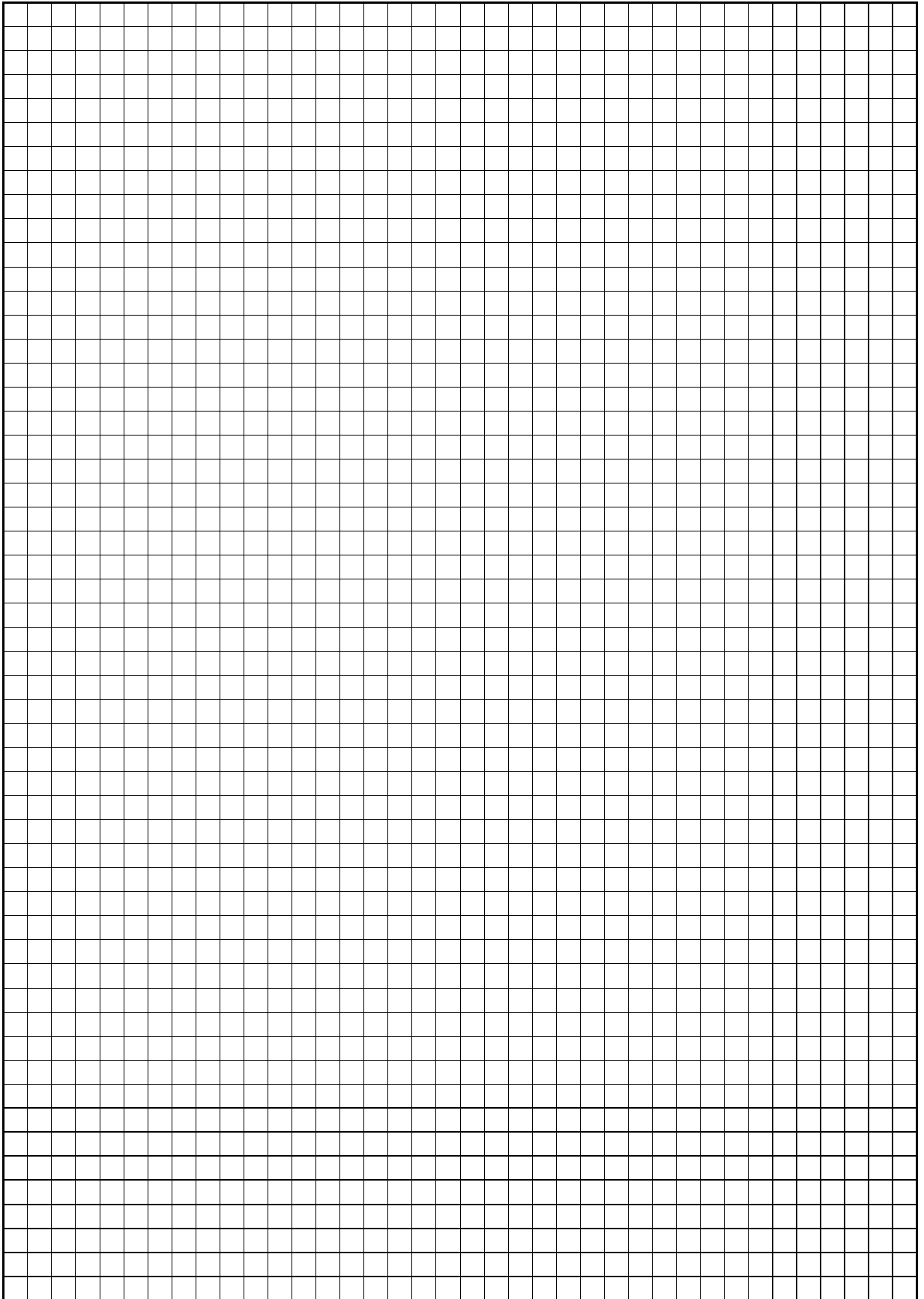
<u>PAGE</u>	<u>GRAPH TYPE</u>	<u>SCALE</u>	<u>RANGE (Y vs. X)</u>
2	Cartesian	2 divisions / cm = 5 mm / division	46 div. x 32 div.
3	Cartesian	4 divisions / cm = 2.5 mm / division	58 div. x 40 div.
4	Cartesian	5 divisions / cm = 2 mm / division	115 div. x 80 div.
5	Cartesian	6 divisions / inch = 0.167 inch / division	54 div. x 38 div.
6	Cartesian	8 divisions / inch = 0.125 inch / division	73 div. x 50 div.
7	Cartesian	10 divisions / inch = 0.1 inch / division	91 div. x 63 div.
8	Cartesian	12 divisions/inch with 10-division grouping	115 div. x 80 div.
9	polar	1 division / degree $\times$ 30 divisions (standard format)	
10	polar	1 division / degree $\times$ 30 divisions (trigonometric format)	
11	semi-log	1 cycle $\times$ 50 divisions	
12	semi-log	2 cycle $\times$ 50 divisions	
13	semi-log	3 cycle $\times$ 50 divisions	
14	log-log	1 cycle $\times$ 1 cycle	
15	log-log	2 cycle $\times$ 2 cycle	
16	log-log	3 cycle $\times$ 3 cycle	

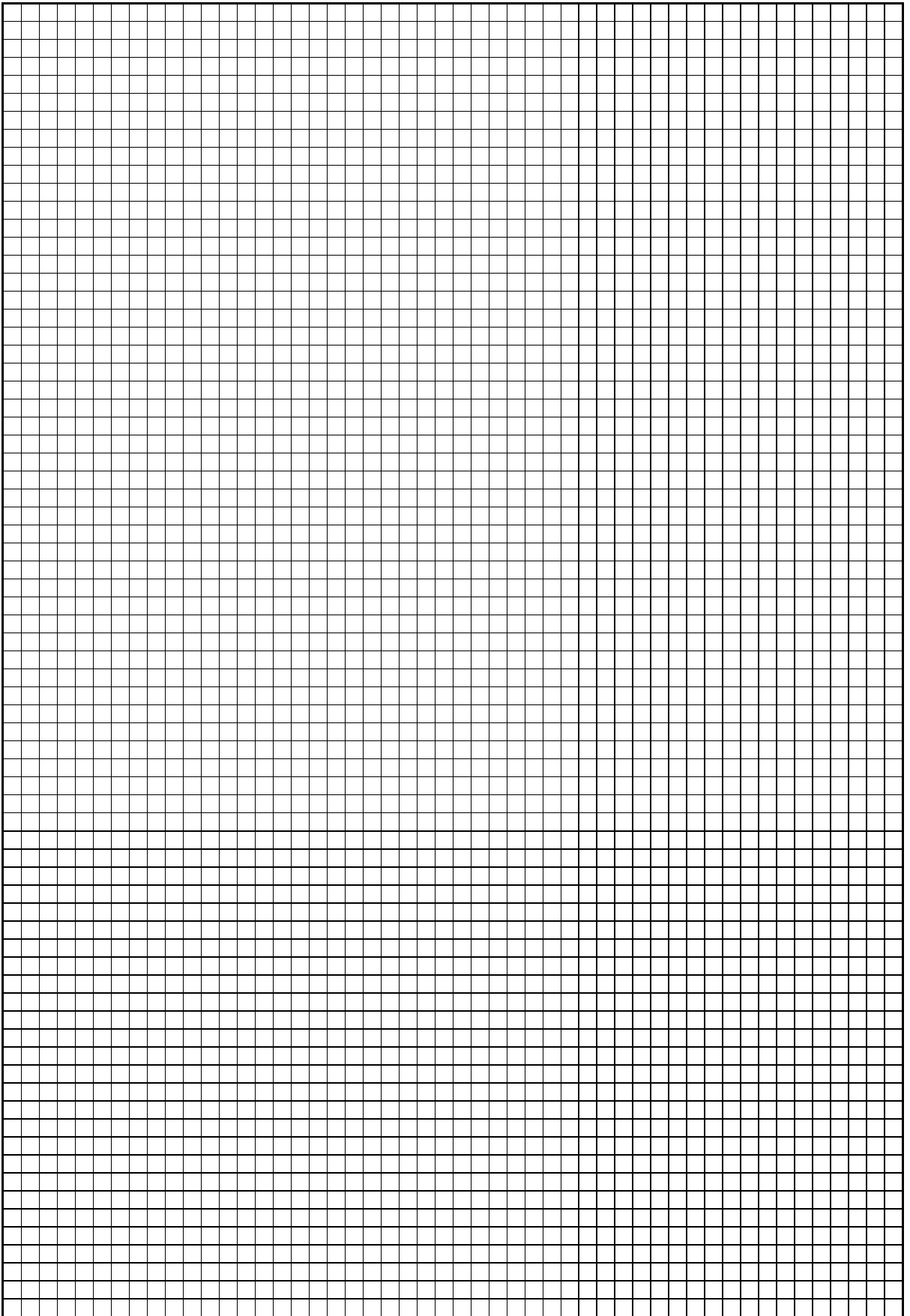
NOTE: This graph paper was created with standard 1.0" top and left margins. Right and bottom margins float a bit depending on divisions, but are approximately 1". This leaves sufficient space for labeling and numbering the axes. The fine lines of the graph paper are 0.5 pt at 50% gray-level, which is easy to see but doesn't overwhelm the data. Accent lines (every 10 divisions) are 1.0 point at 75% gray-level. The original vector images were rasterized at 600 dpi for precise conversion. This makes for larger files, but provides nice output using common printers and legible photocopies for mass consumption.

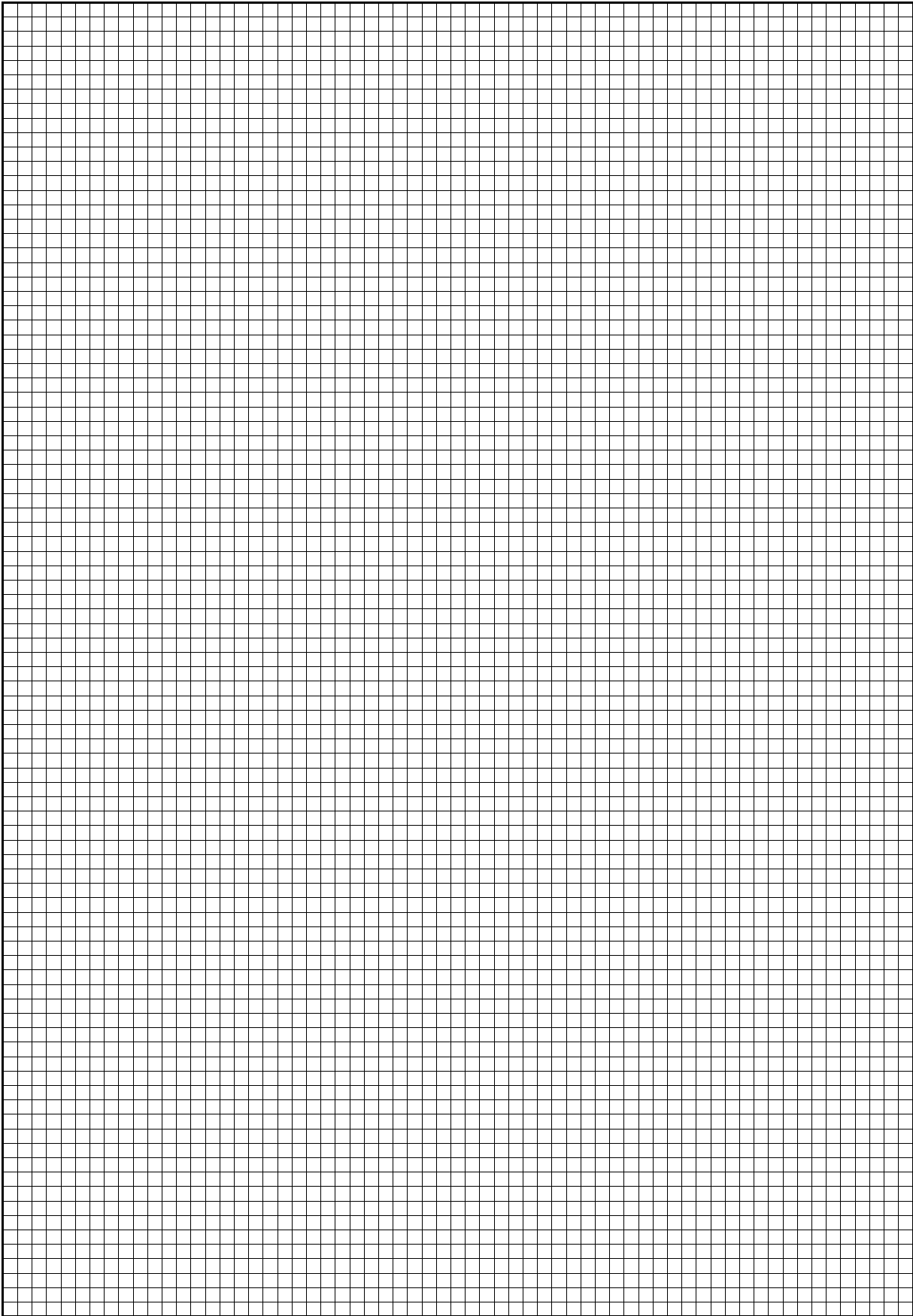


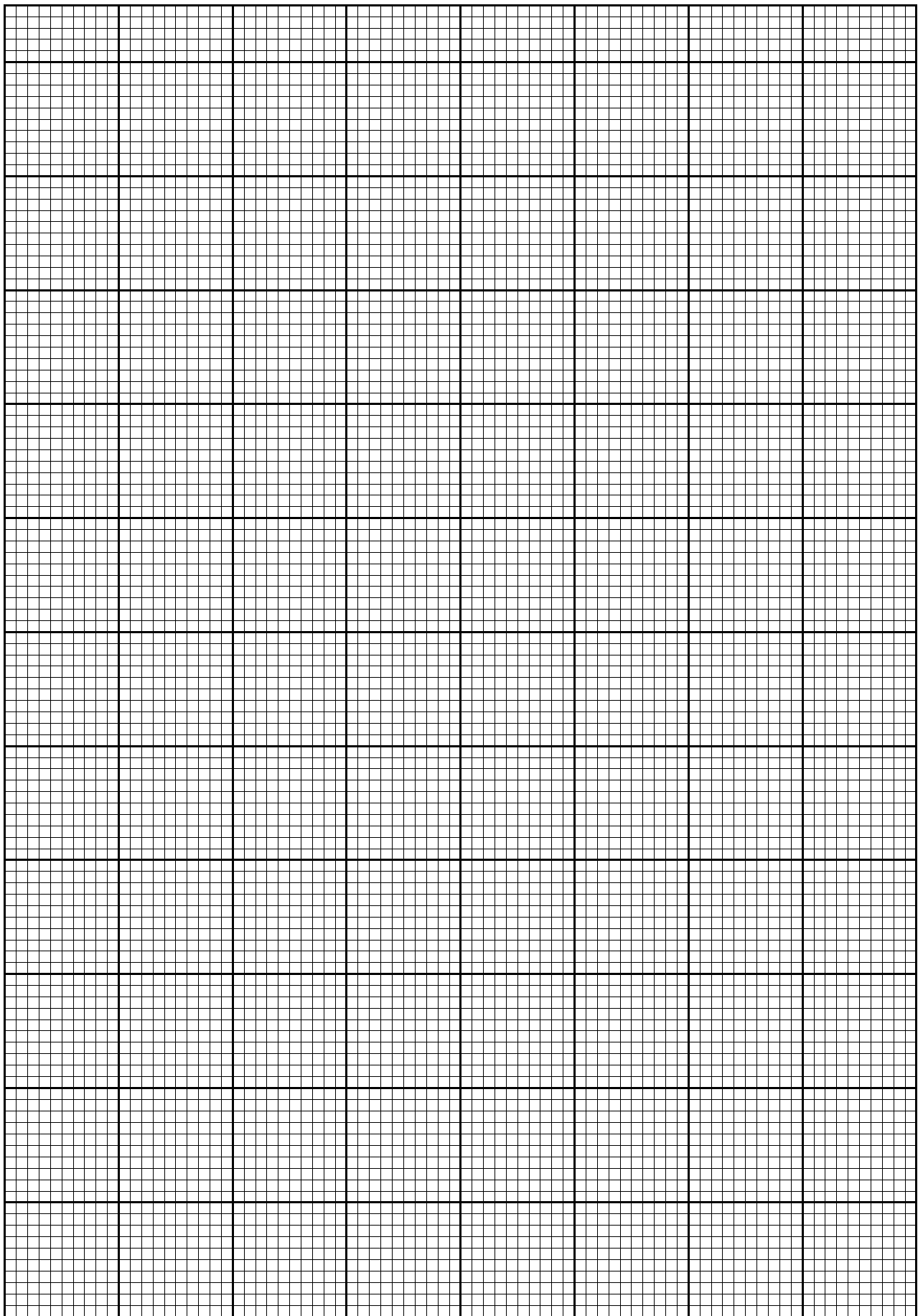




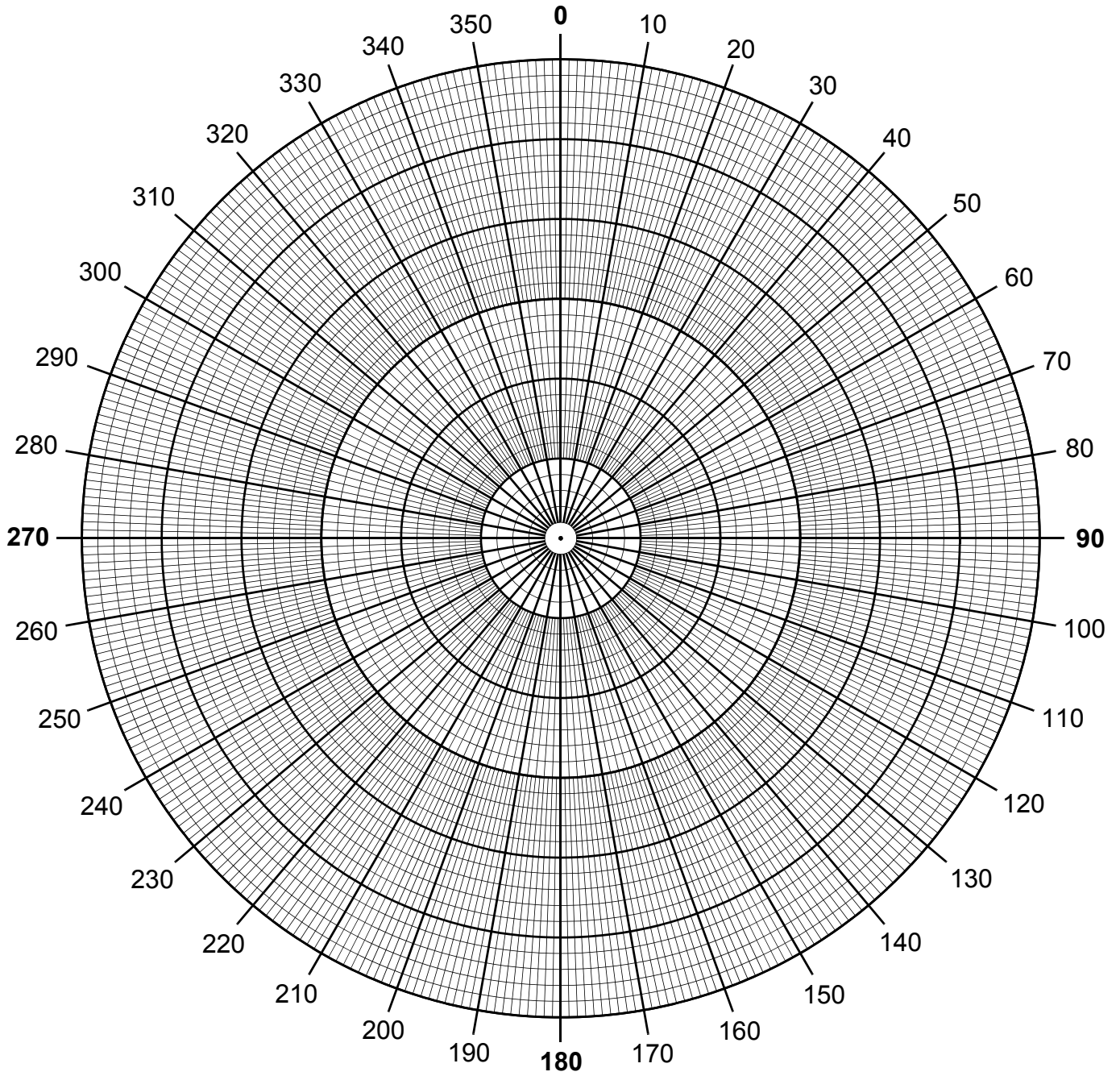


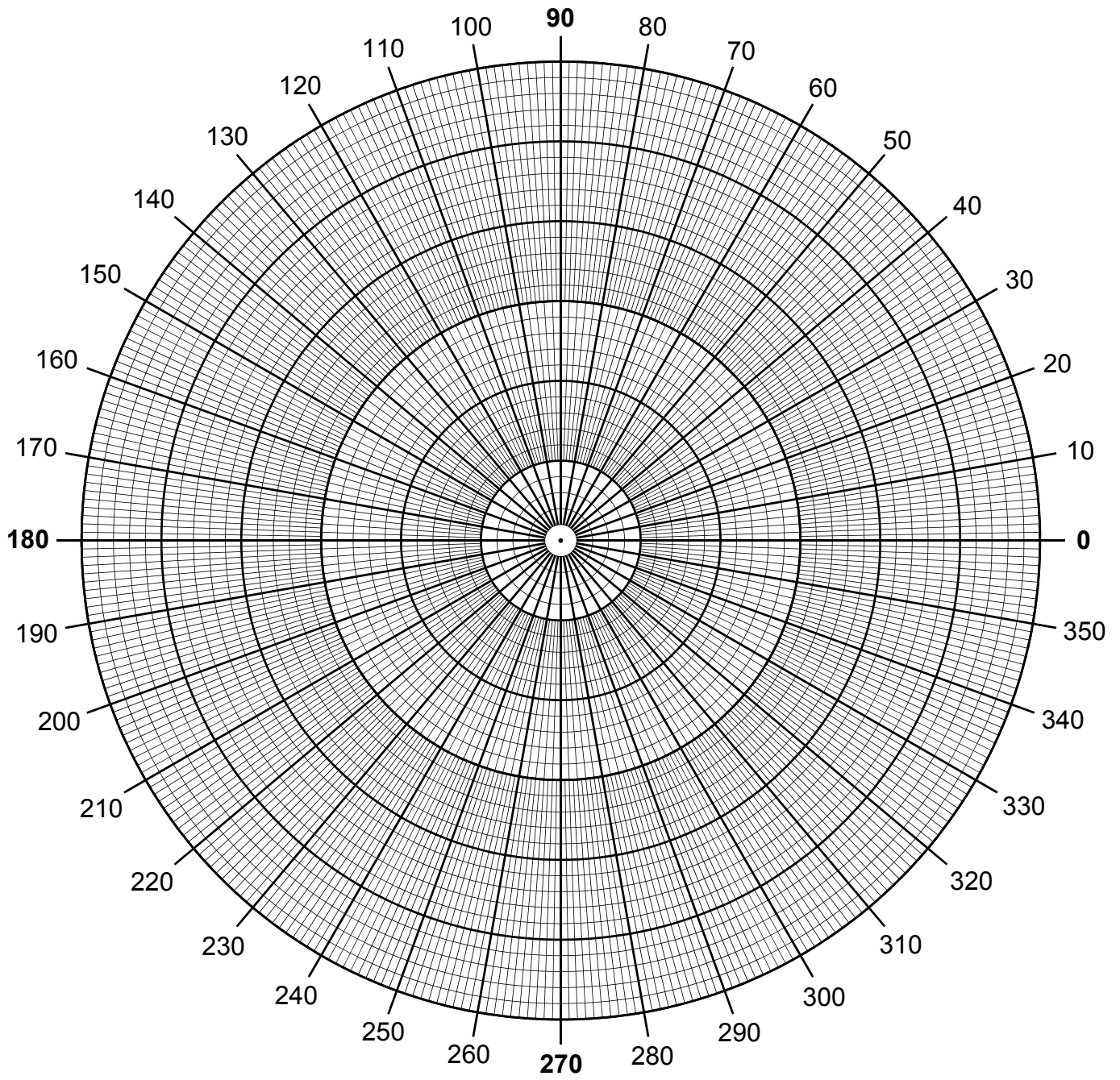


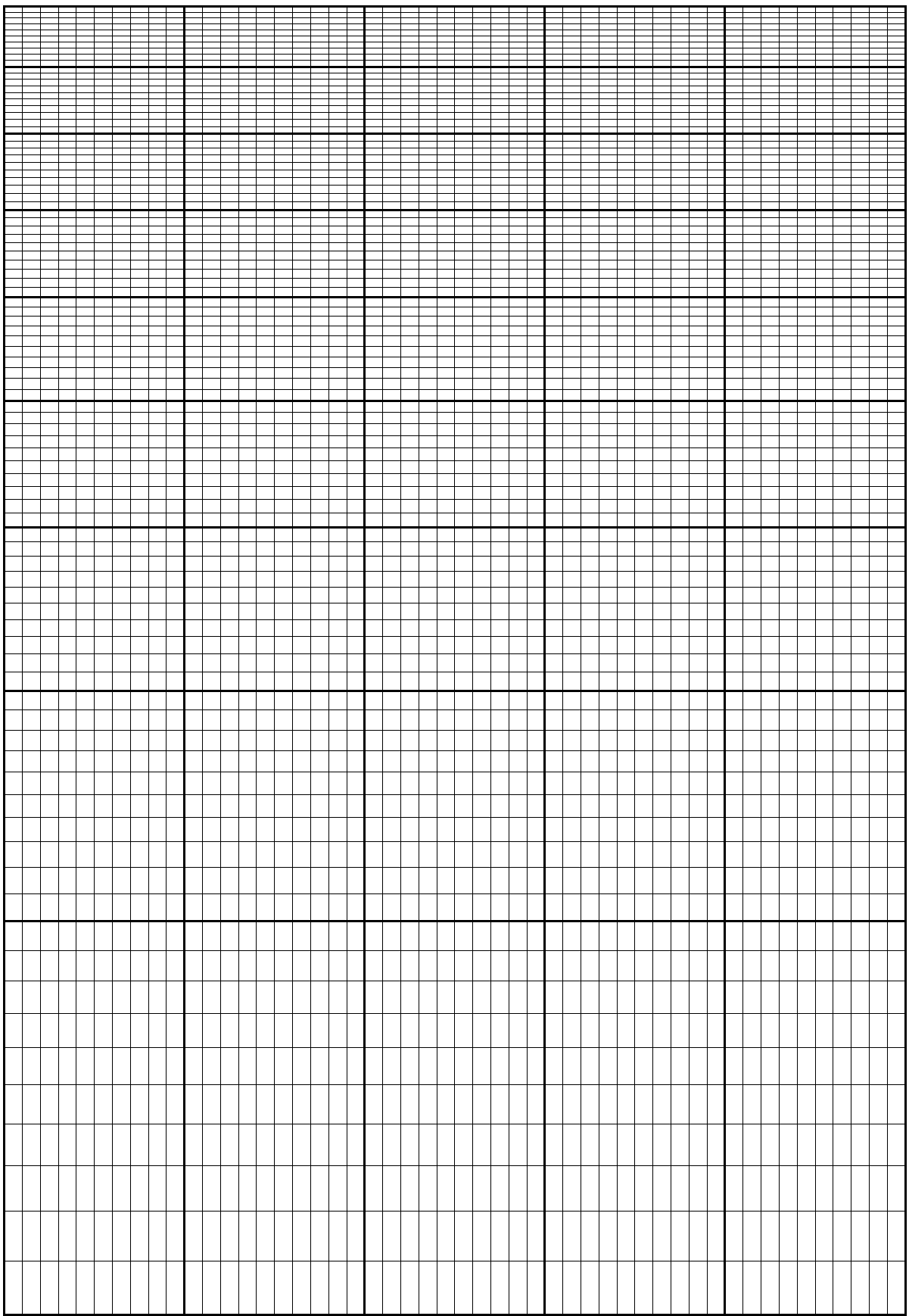




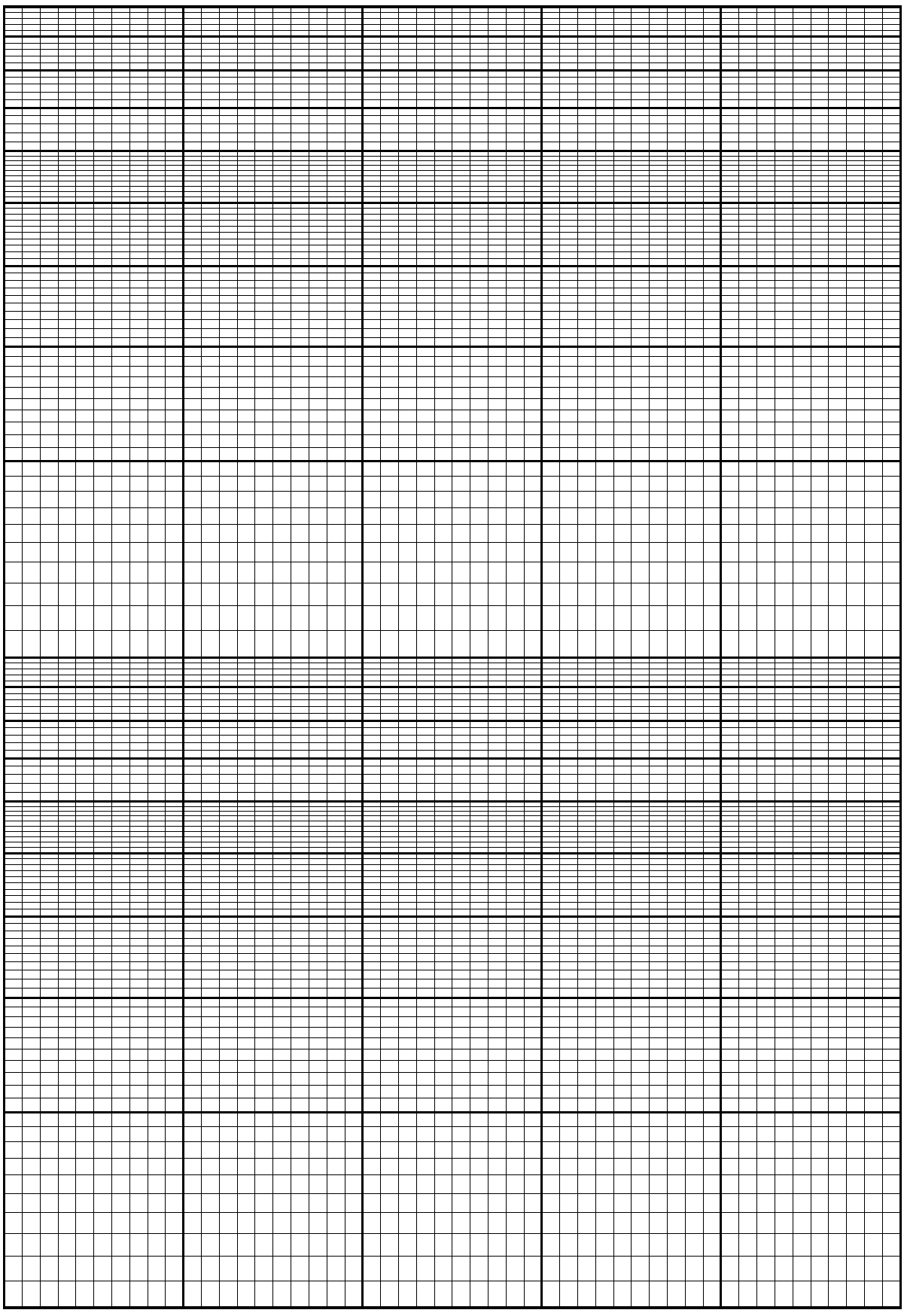








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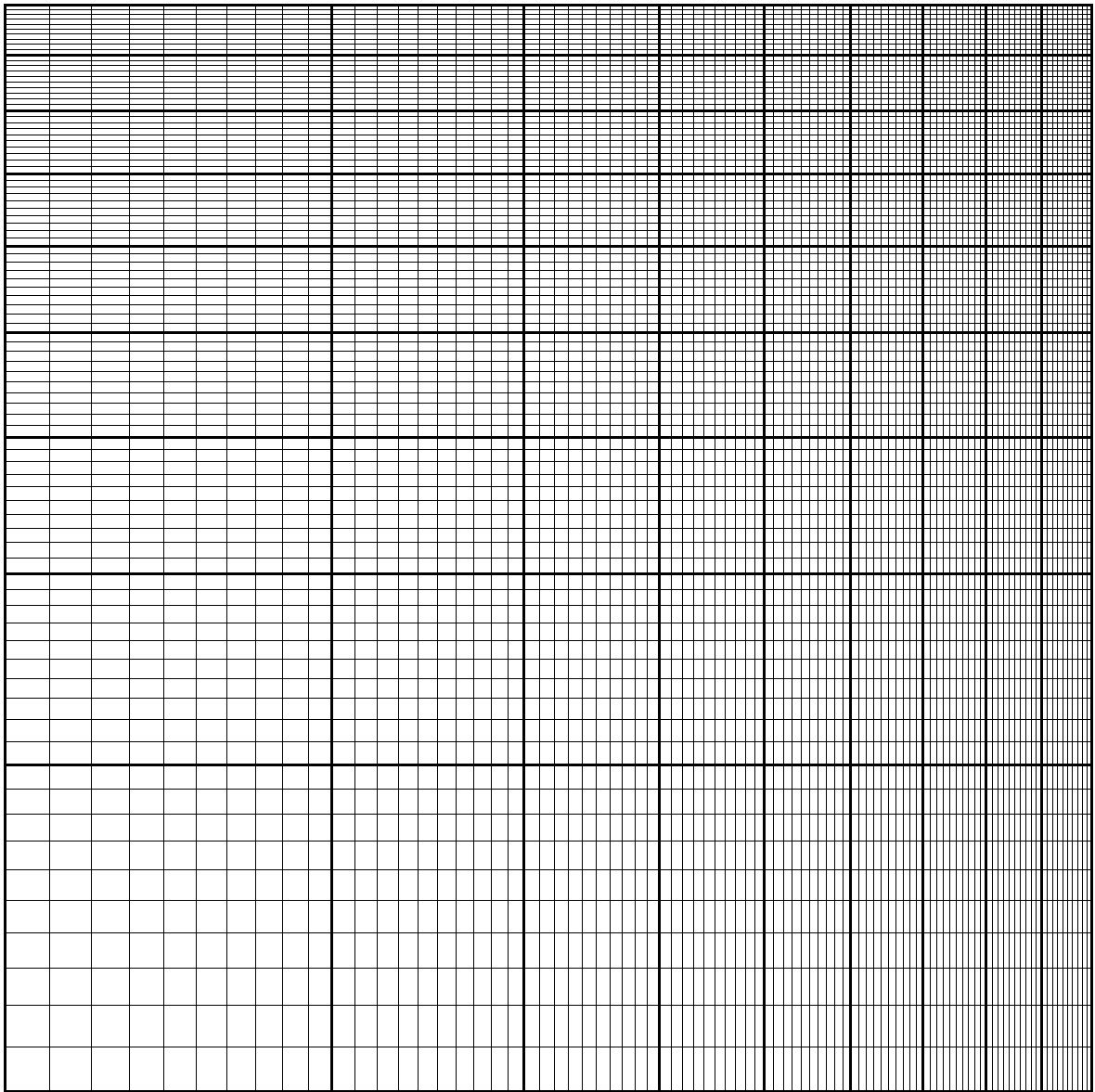
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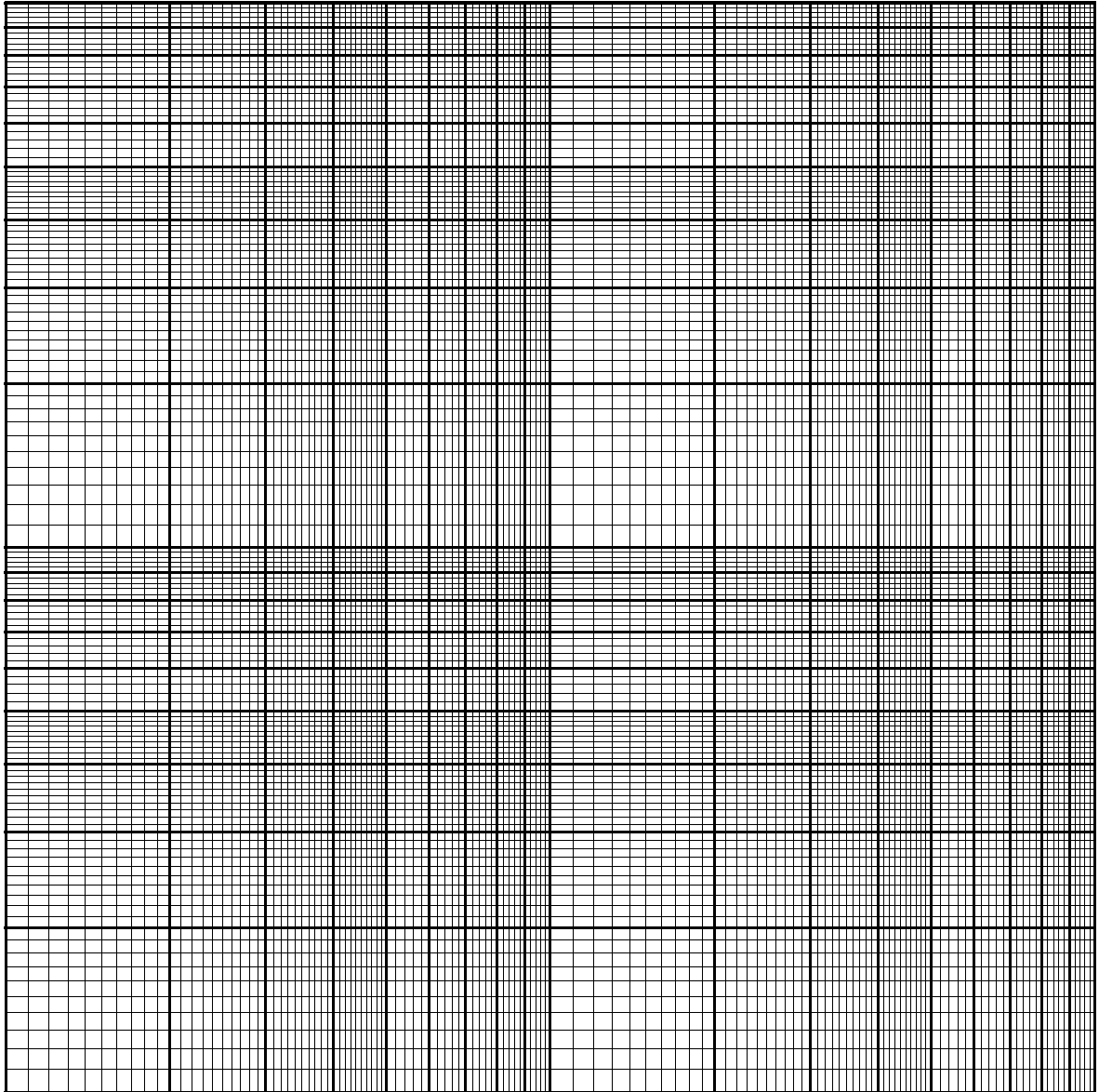
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