

DOCKETED	
Docket Number:	22-IEPR-03
Project Title:	Electricity Forecast
TN #:	246133
Document Title:	Eastside PA 2022 IEPR Filing PDF
Description:	N/A
Filer:	Tracy Silva
Organization:	Eastside Power Authority
Submitter Role:	Applicant
Submission Date:	9/16/2022 10:08:27 AM
Docketed Date:	9/16/2022

State of California
 California Energy Commission
ELECTRICITY RESOURCE PLANNING FORMS
 Administrative Information



Name of Load Serving Entity ("LSE")	Eastside Power Authority
Name of Resource Planning Coordinator	Cori Bradley

Persons who prepared Supply Forms	S-1 Requirement	S-2 Supply	S-2 Addendum	S-3 Small POU Hourly Loads	S-5 Bilateral Contracts
Name:	Cori Bradley				
Title:	Resource Director				
E-mail:	cori@eastsidepa.org				
Telephone:	916-405-8923	916-405-8923	916-405-8923	916-405-8923	916-405-8923
Address:	3100 Zinfandel Drive, Ste. 300				
Address 2:					
City:	Rancho Cordova				
State:	CA	CA	CA	CA	CA
Zip:	95670	95670	95670	95670	95670
Date Completed:	8/16/2022	8/16/2022	8/16/2022	8/16/2022	8/16/2022
Date Updated by LSE:					
Back-up / Additional Contact Persons for Questions about these Forms (Optional):					
Name:	Tracy Silva				
Title:	Staff Analyst				
E-mail:	tracy@eastsidepa.org				
Telephone:	916-714-1801	916-714-1801	916-714-1801	916-714-1801	916-714-1801
Address:	3100 Zinfandel Drive, Ste. 300				
Address 2:					
City:	Rancho Cordova				
State:	CA	CA	CA	CA	CA
Zip:	95670	95670	95670	95670	95670

Application for Confidentiality
Cori Bradley
Resource Director
cori@eastsidepa.org
916-405-8923
3100 Zinfandel Drive, Ste. 300
Rancho Cordova
CA
95670
8/16/2022

Tracy Silva
Staff Analyst
tracy@eastsidepa.org
916-714-1801
3100 Zinfandel Drive, Ste. 300
Rancho Cordova
CA
95670



Eastside Power Authority

Yellow fills indicate confidentiality is being requested pursuant to Appendix A.

Bold font cells sum automatically. Data input by User are in dark green font.

line	Capacity Procurement Requirement (MW)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	PEAK LOAD CALCULATIONS	(Actual Load)	(Actual Load)	(Forecast Load ->)									
1	Forecast Total Peak-Hour 1-in-2 Demand	12	8	8	10	11	11	11	11	11	11	11	11
2a	ESP Demand: Existing Customer Contracts	12	8	8	10	11	11	11	11	11	11	11	11
2b	ESP Demand: New and Renewed Contracts												
2c	ESP Demand in PG&E service area												
2d	ESP Demand in SCE service area	12	8	8	10	11	11	11	11	11	11	11	11
2e	ESP Demand in SDG&E service area												
3	Additional Achievable Energy Efficiency (-)												
4	Demand Response / interruptible Programs (-)												
5	Adjusted Demand: End-Use Customers	12	8	8	10	11	11	11	11	11	11	11	11
6	Coincidence Adjustment (-)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
7	Coincident Peak-Hour Demand	11	7	7	9	10	10	10	10	10	10	10	10
8	Required Planning Reserve Margin	2	1	1	1	2	2	2	2	2	2	2	2
9	Credit for Imports That Carry Reserves (-)	0	0	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
10	Firm Sales Obligations												
11	Firm LSE Procurement Requirement	12	8	3	5	7	7	7	7	7	7	7	7

line	Energy Procurement Requirement (MWh)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	ENERGY DEMAND CALCULATIONS	(Actual Load)	(Actual Load)	(Forecast Load ->)									
12	Forecast Total Energy Demand / Consumption	32	25	25	30	30	30	30	30	30	30	30	30
13a	ESP Demand: Existing Customer Contracts	32	25	25	30	30	30	30	30	30	30	30	30
13b	ESP Demand: New and Renewed Contracts												
13c	ESP Demand in PG&E service area												
13d	ESP Demand in SCE service area	32	25	25	30	30	30	30	30	30	30	30	30
13e	ESP Demand in SDG&E service area												
14	Additional Achievable Energy Efficiency (-)												
15	Demand Response / interruptible Programs (-)												
16	Adjusted Demand: End-Use Customers	32	25	25	30	30	30	30	30	30	30	30	30
17	Firm Sales Obligations												
18	Firm LSE Procurement Requirement	32	25	25	30	30	30	30	30	30	30	30	30

line	Historic LSE Peak Load:	MW Year 2020	MW Year 2021
19	Annual Peak Load / Actual Metered Deliveries	11.6	7.4
20	Date of Peak Load for Annual Peak Deliveries	8/18/20	7/8/21
21	Hour Ending for Annual Peak Deliveries	13	18

line	Capacity Procurement Requirement (MW)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
22	Interruptible Load called on during that hour (+)												
23	Self-Generation and DG Adjustments												
24	Adjustments for Major Outages												
25	Adjusted Annual Peak Load	11.6	7.4										

Lines Notes

9	WAPA Contract
x	

	CAPACITY/ENERGY BALANCE SUMMARY							
9	Total: Existing and Planned Supply							
10	Firm LSE Procurement Requirement							
11	Net Surplus (or Need)							
12	Generic Renewable Supply							
13	Generic Non-Renewable Resources							
14	Specified Planning Reserve Margin							

Lines Notes

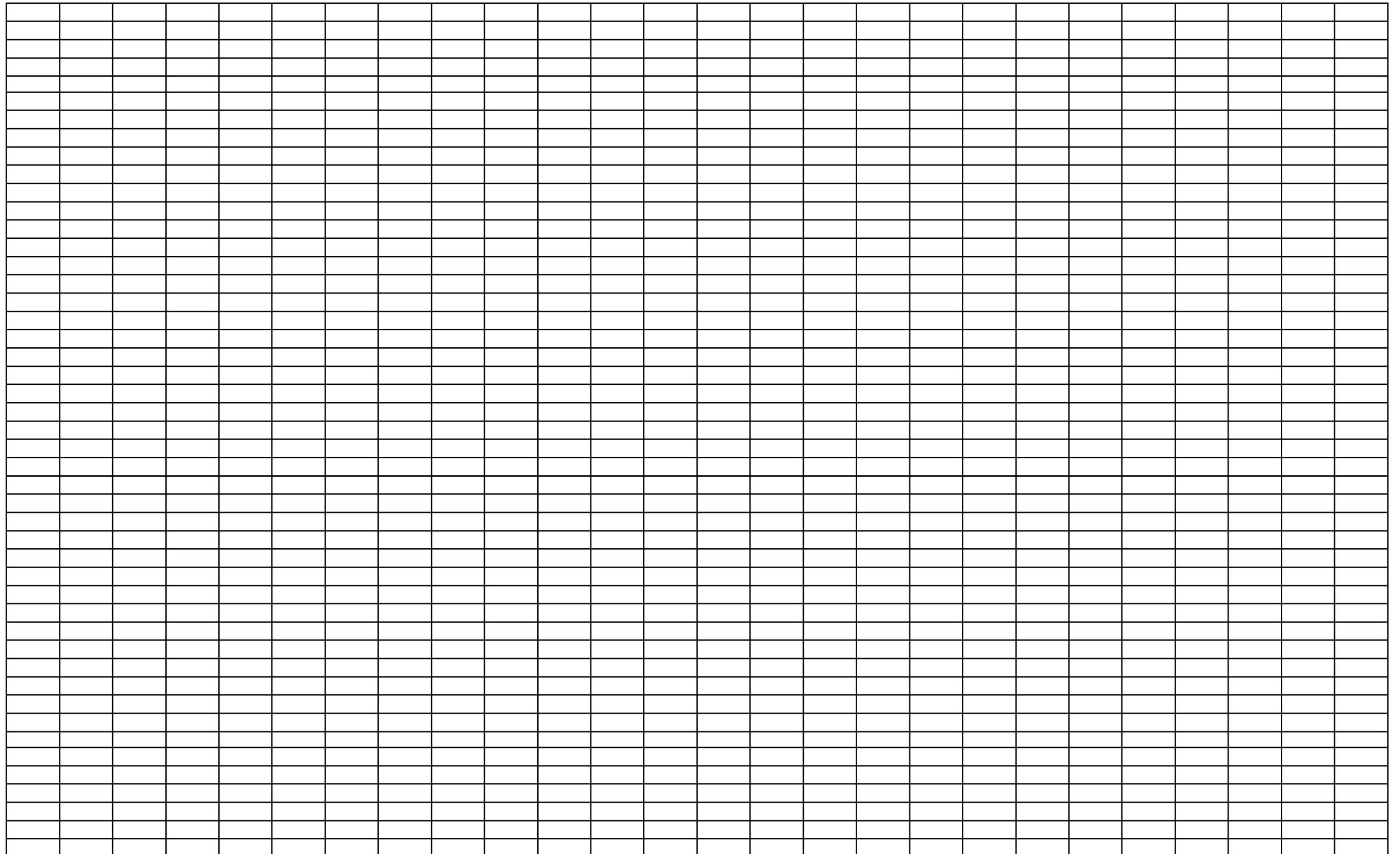
X	
X	

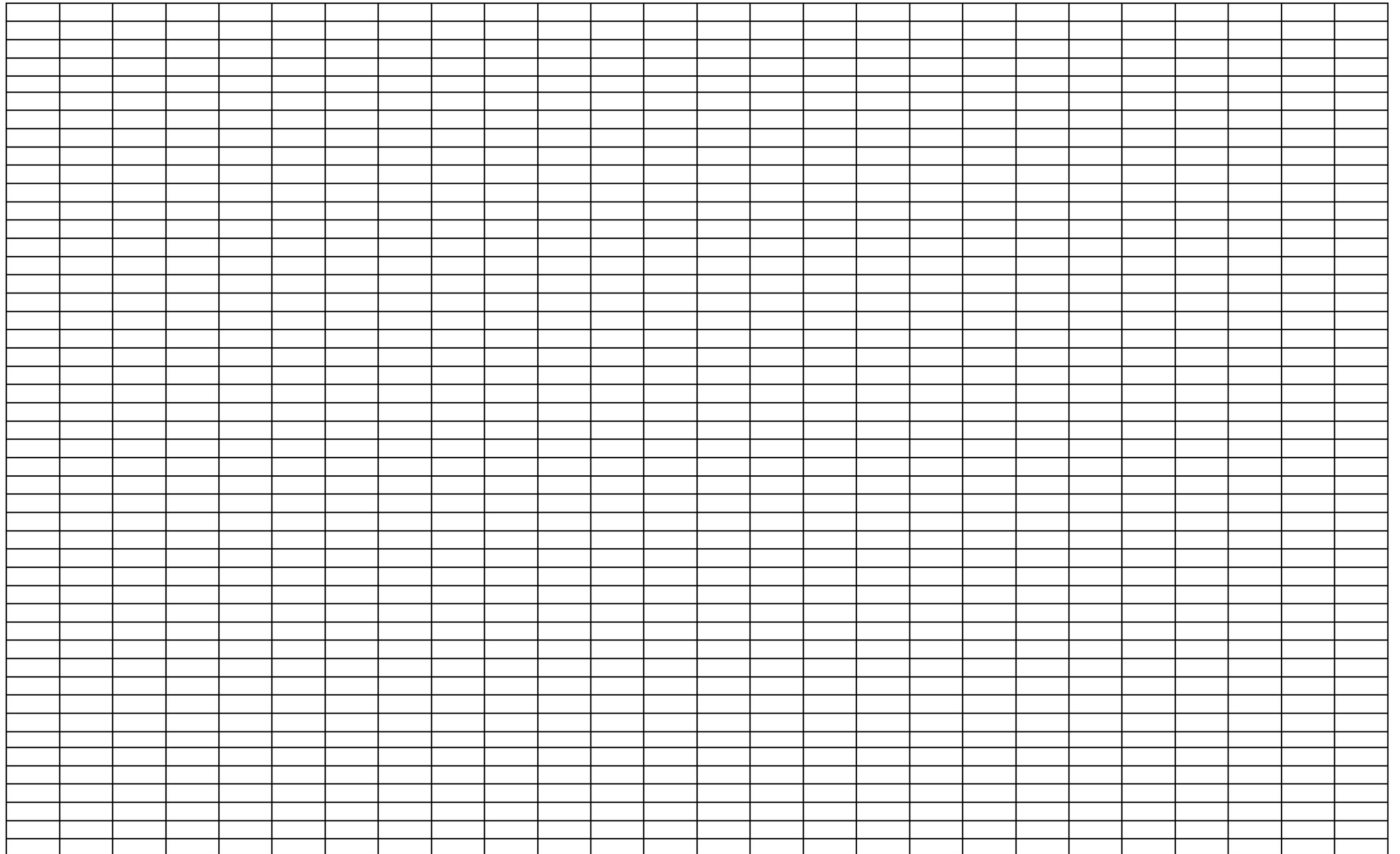
				17	17	7	7	7	8	8	8	8	8	8
				12	8	3	5	7	7	7	7	7	7	7
				5	9	4	2	0	1	1	1	1	1	1
				2	1	1	2	2	2	2	2	2	2	2

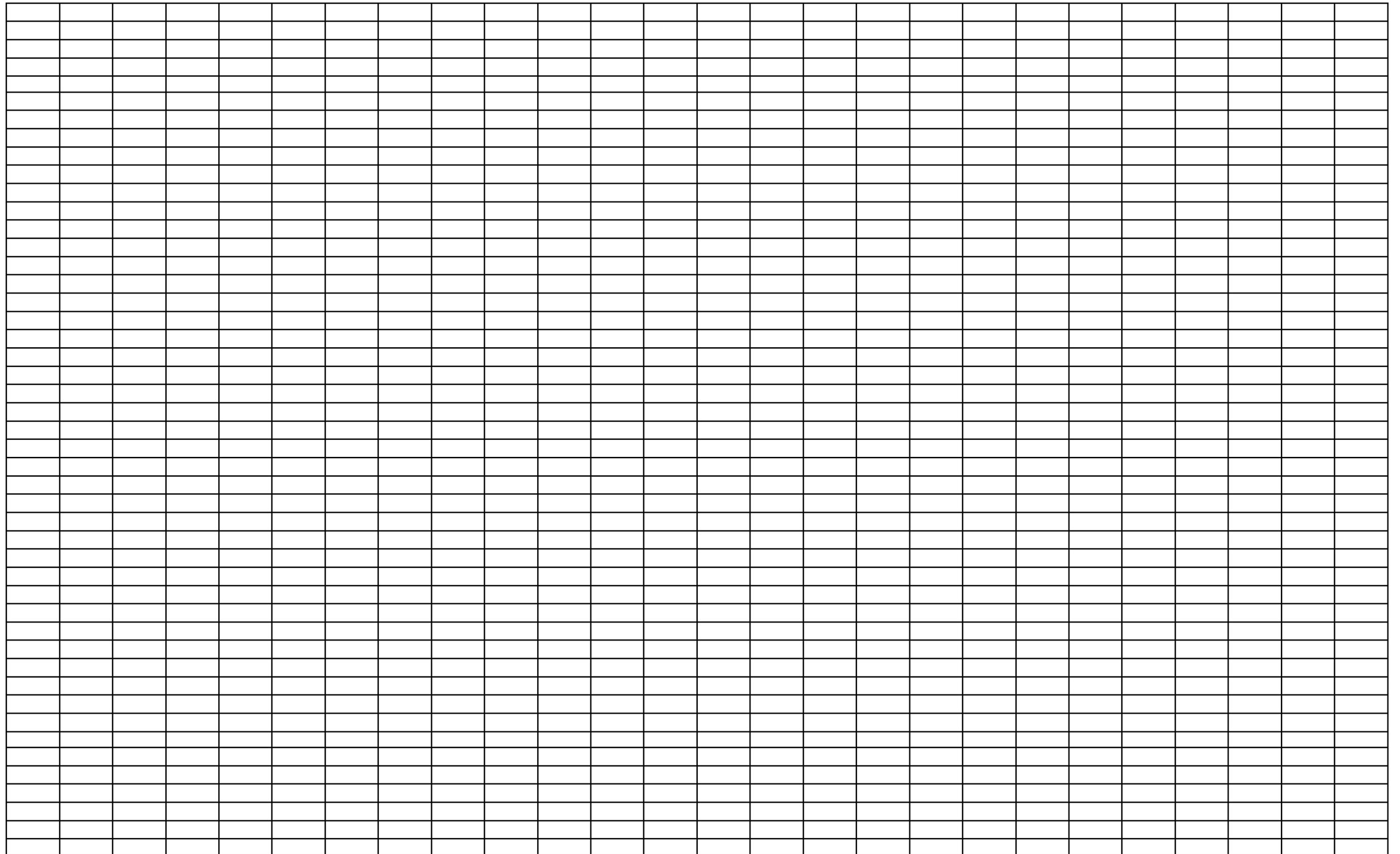


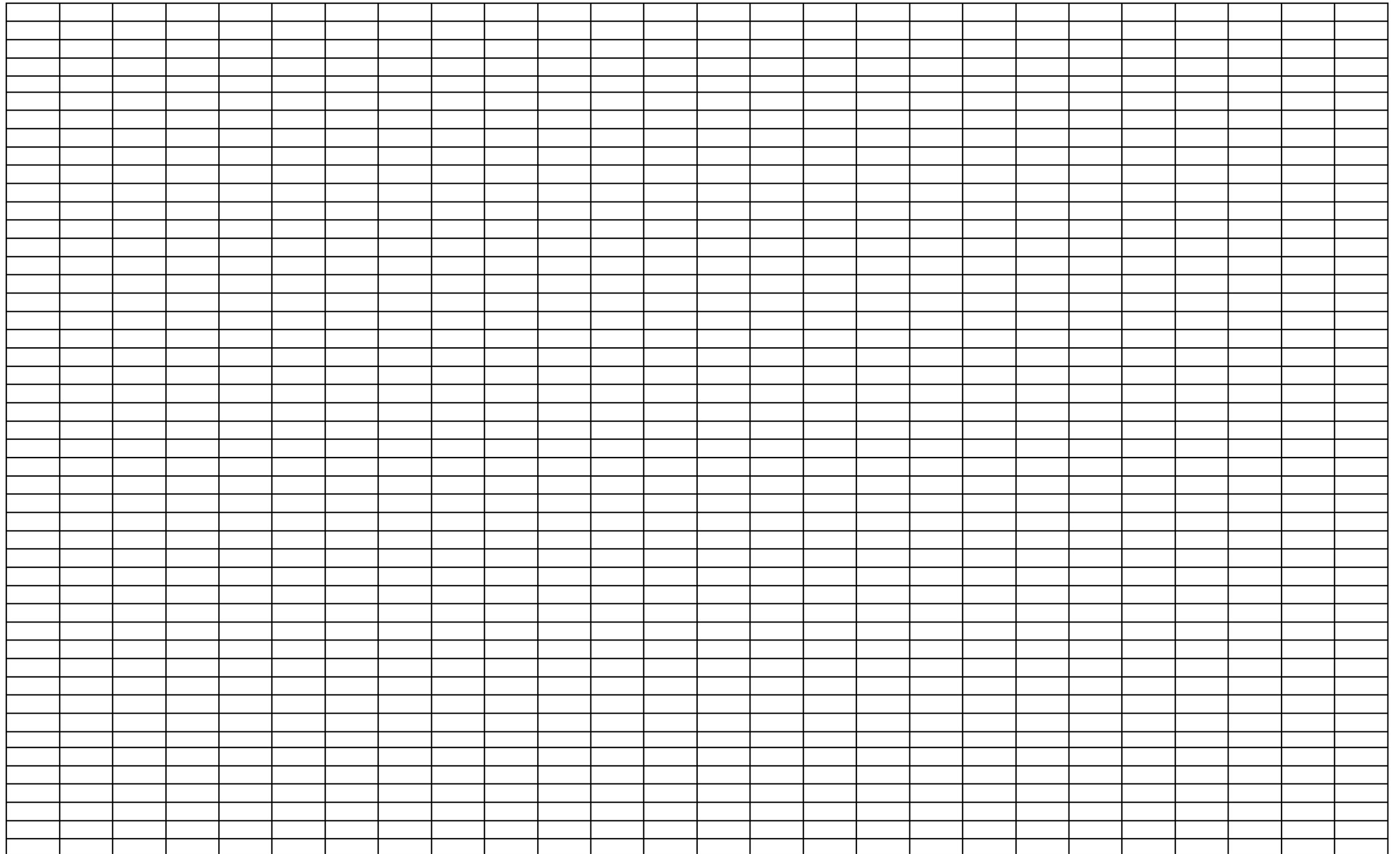
Please copy more rows below as needed

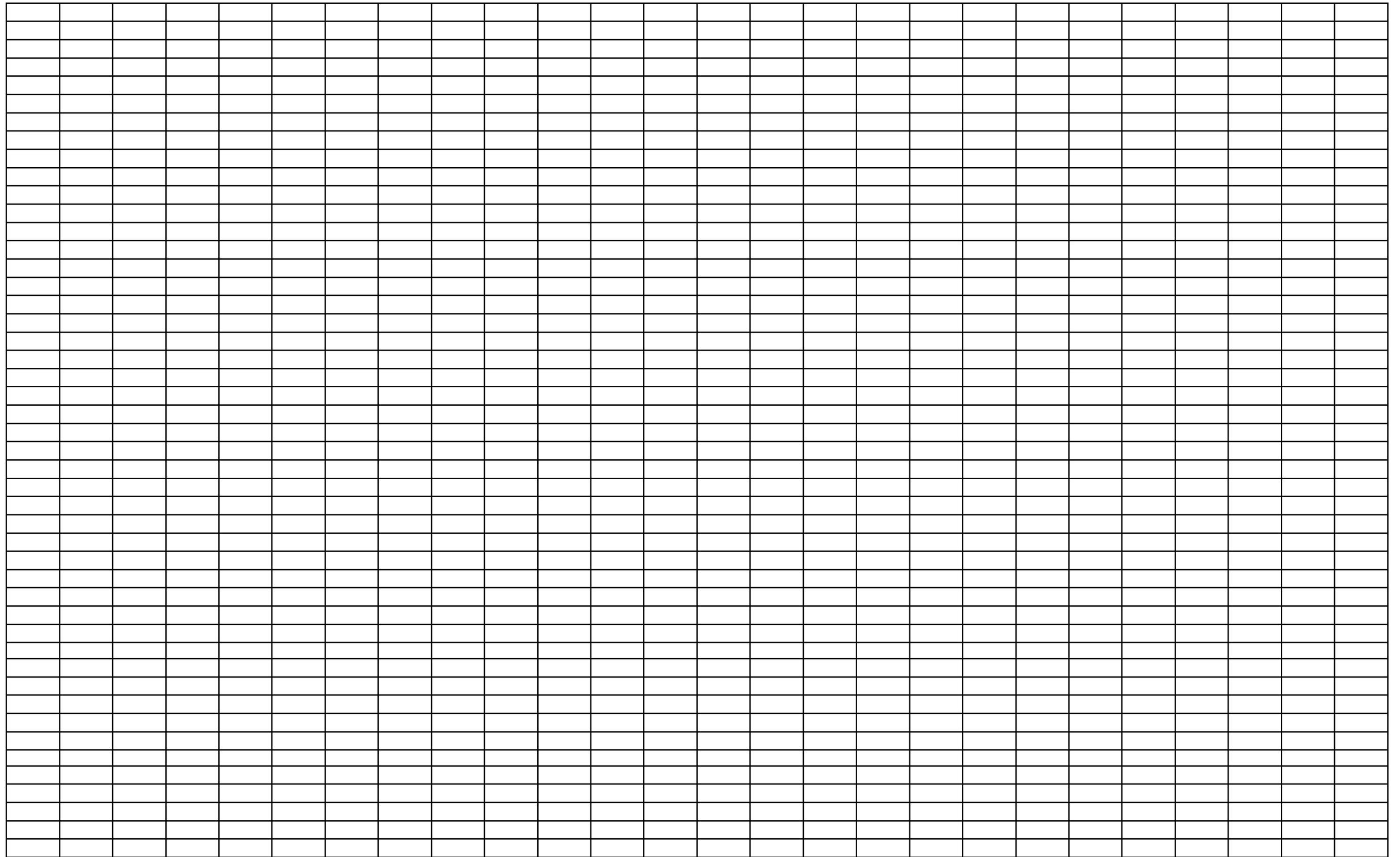
Resource Name	Plant/Unit Identifier- CEC ID	Plant/Unit Identifier- EIA ID	Plant/Unit Identifier- CAISO ID		2022-1	2022-2	2022-3	2022-4	2022-5	2022-6	2022-7	2022-8	2022-9	2022-10	2022-11
Other - WAPA Hydro - large and small	various	various	various	Contract GWh	0.0	0.2	0.4	0.5	0.8	0.8	1.0	0.8	0.6	0.5	0.2
				NQC MW	1	1	1	2	4	5	5	5	4	4	1
Solar: NextEra Whitney Point Solar	S0564	60,619	WHITNY_6_SOLAR	Contract GWh	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.6	0.4	0.4	0.3
				NQC MW	0	0	0	0	0	0	0	0	0	0	0
Solar: Planned PPA	n/a	n/a	n/a	Contract GWh											
				NQC MW	0	0	0	0	0	0	0	0	0	0	0
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											
				Contract GWh											
				NQC MW											

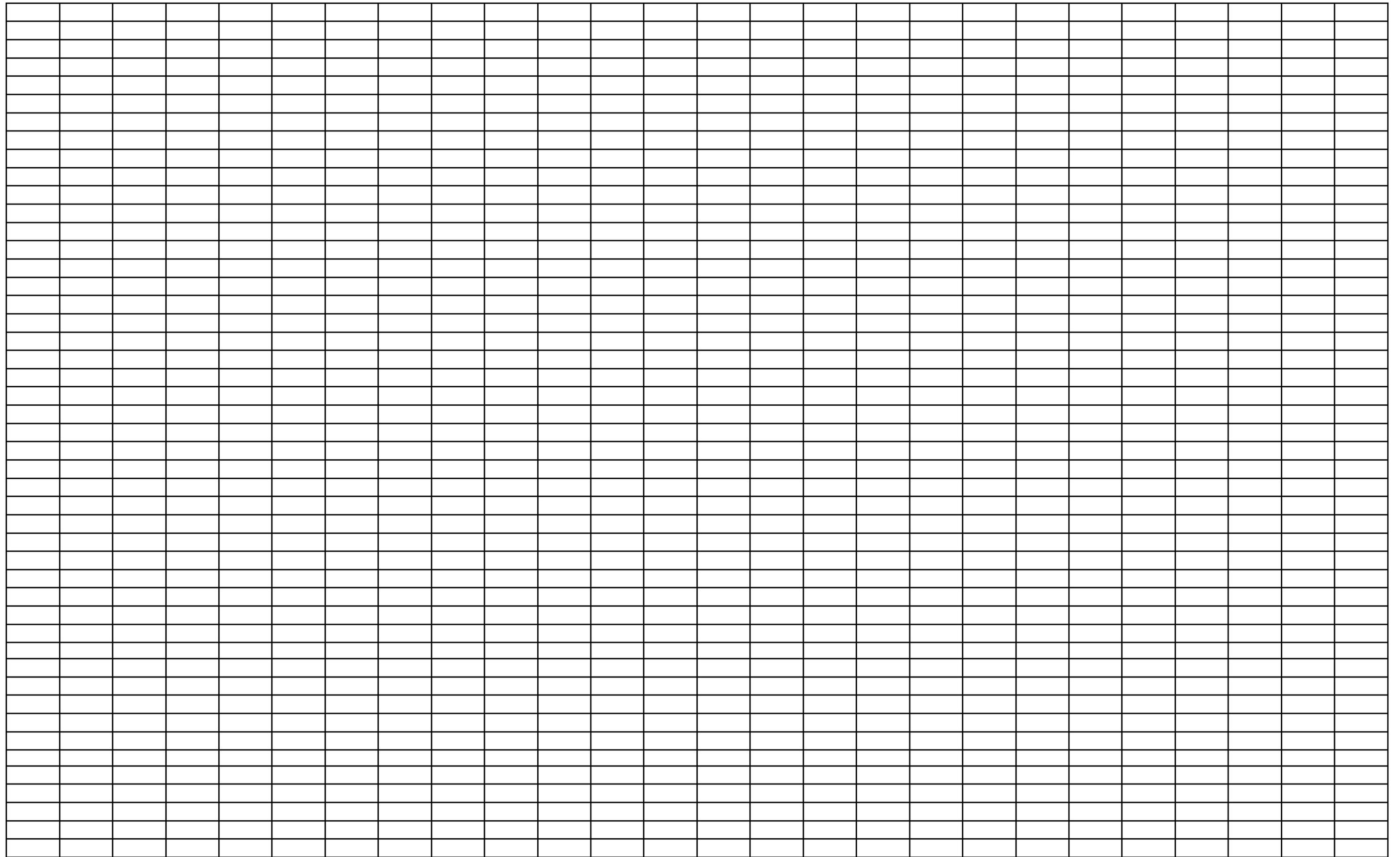


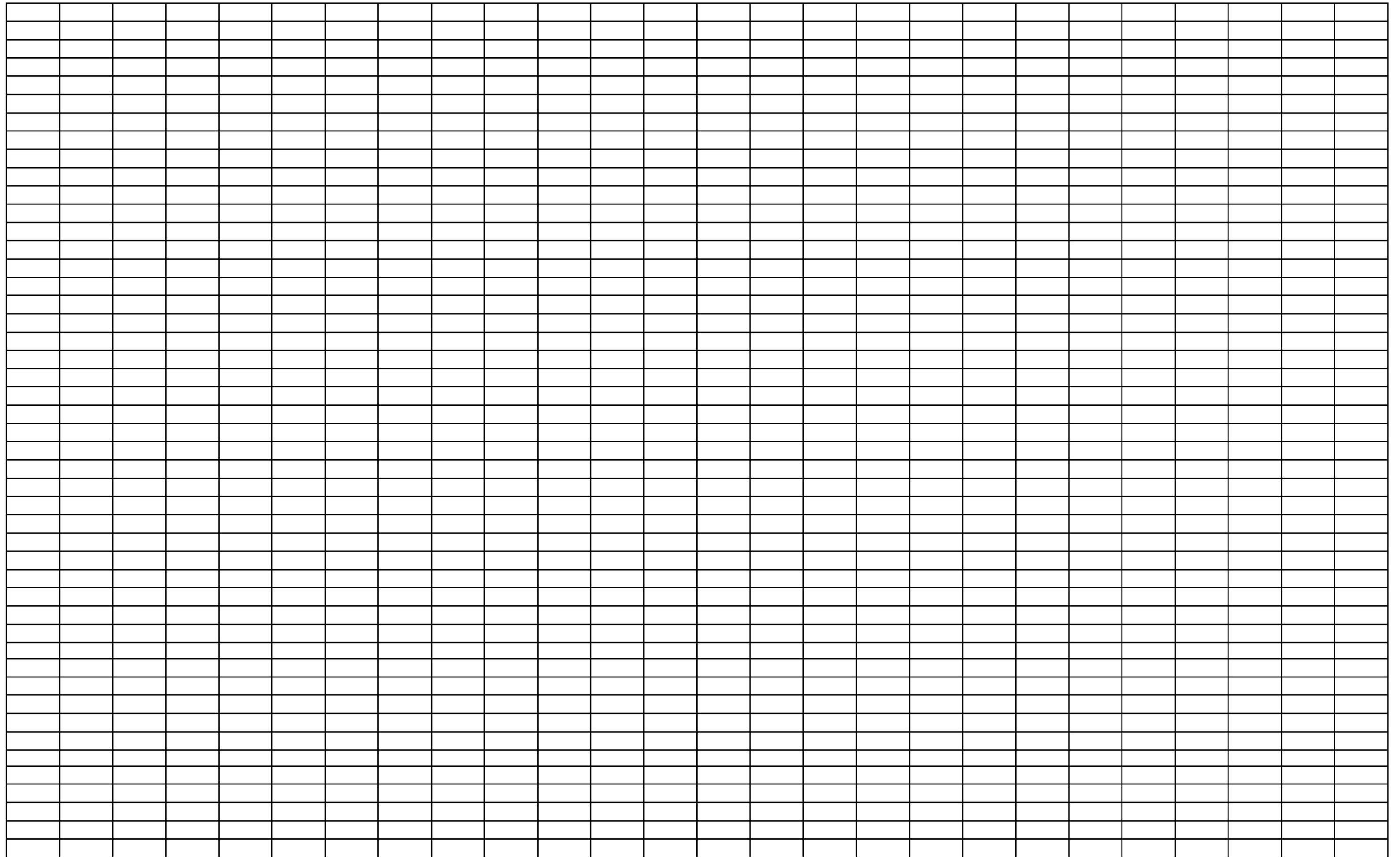


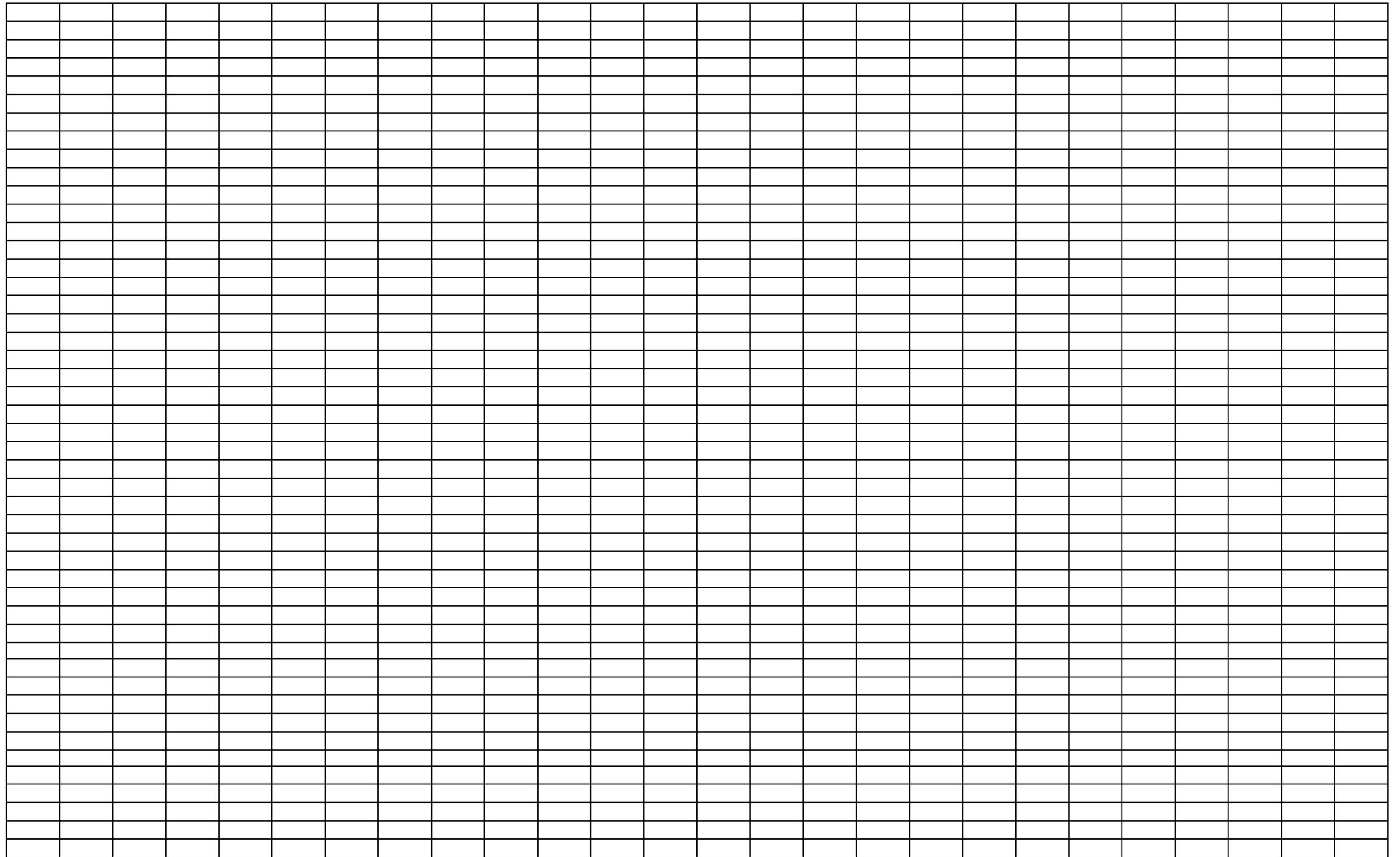


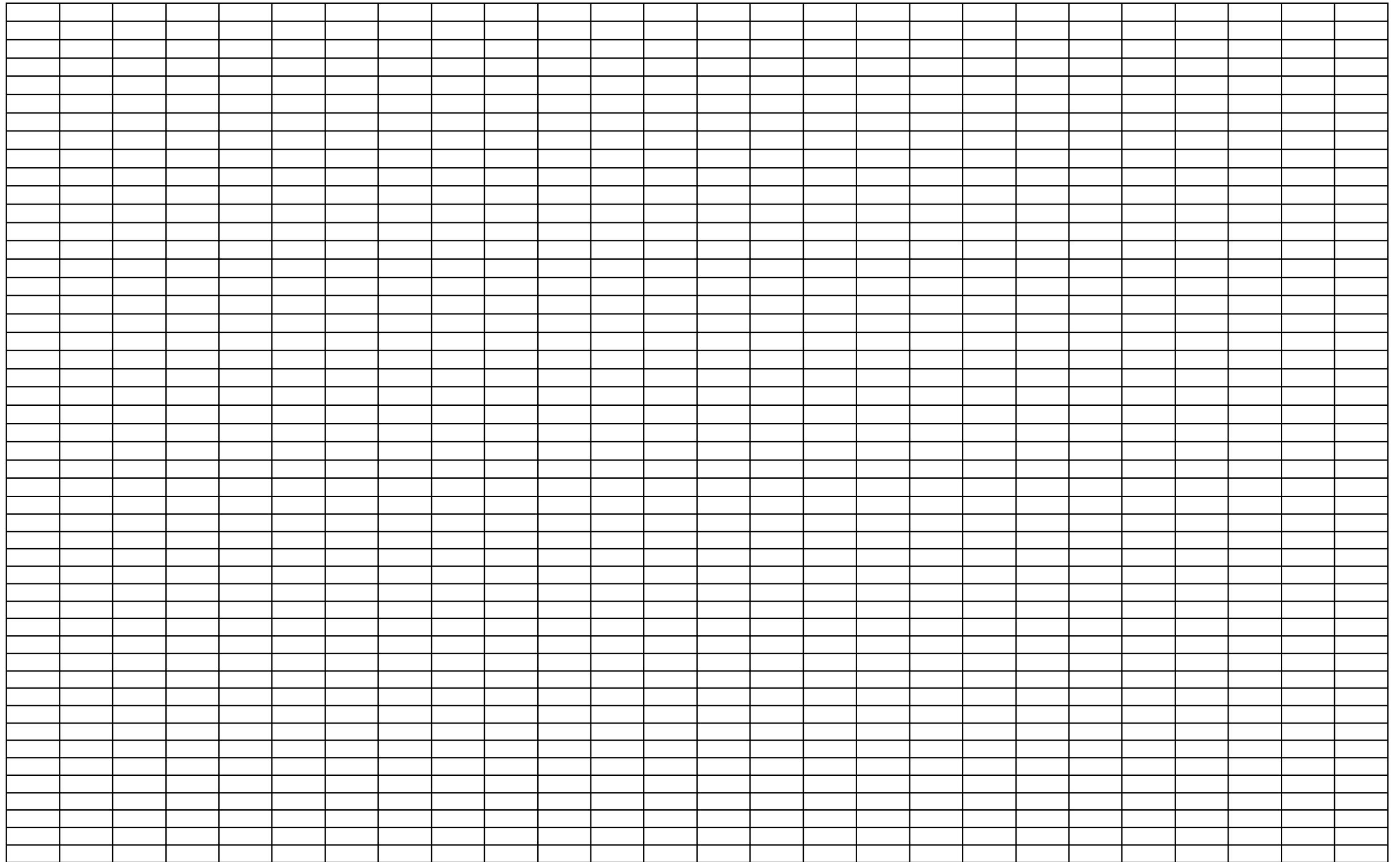


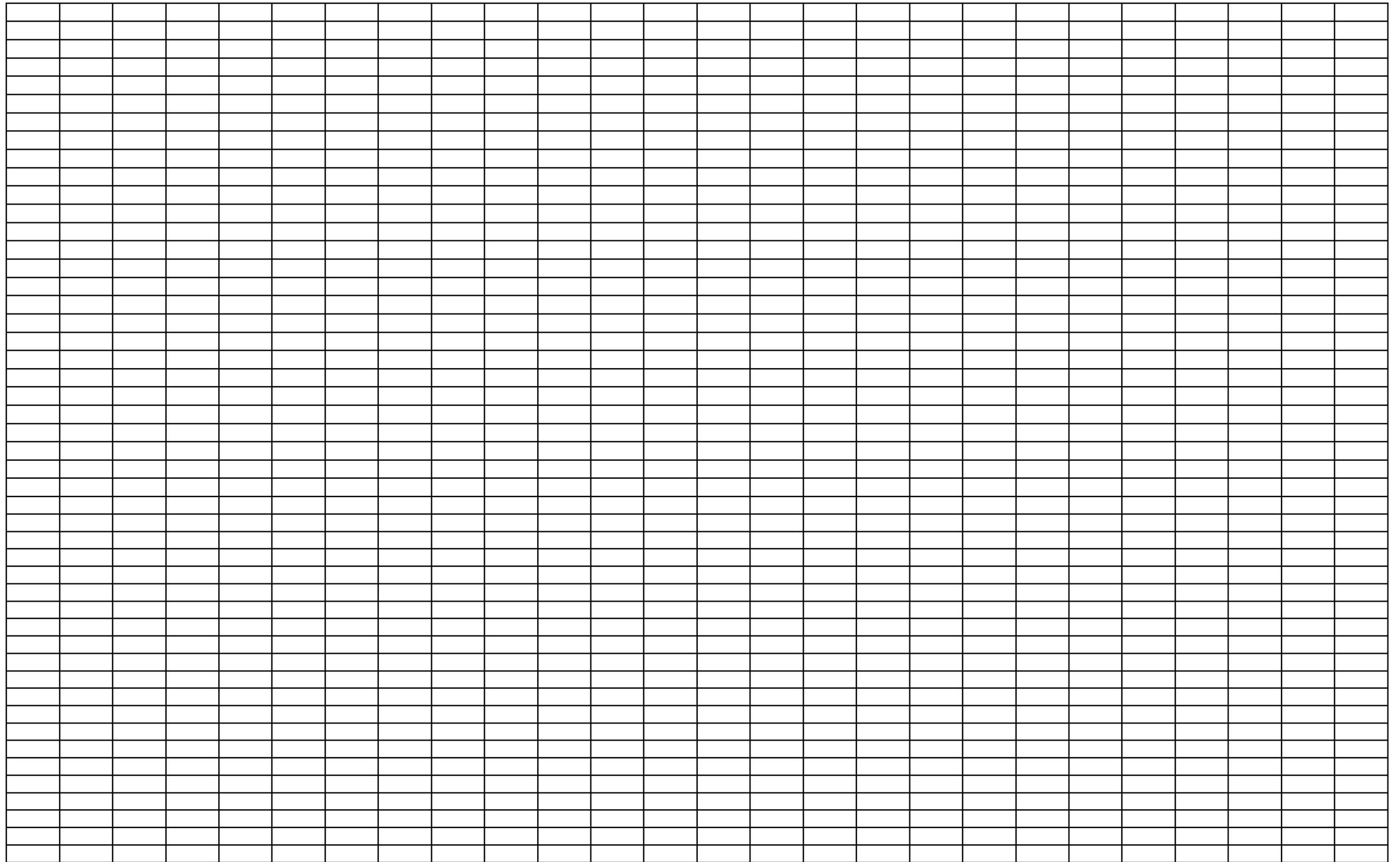


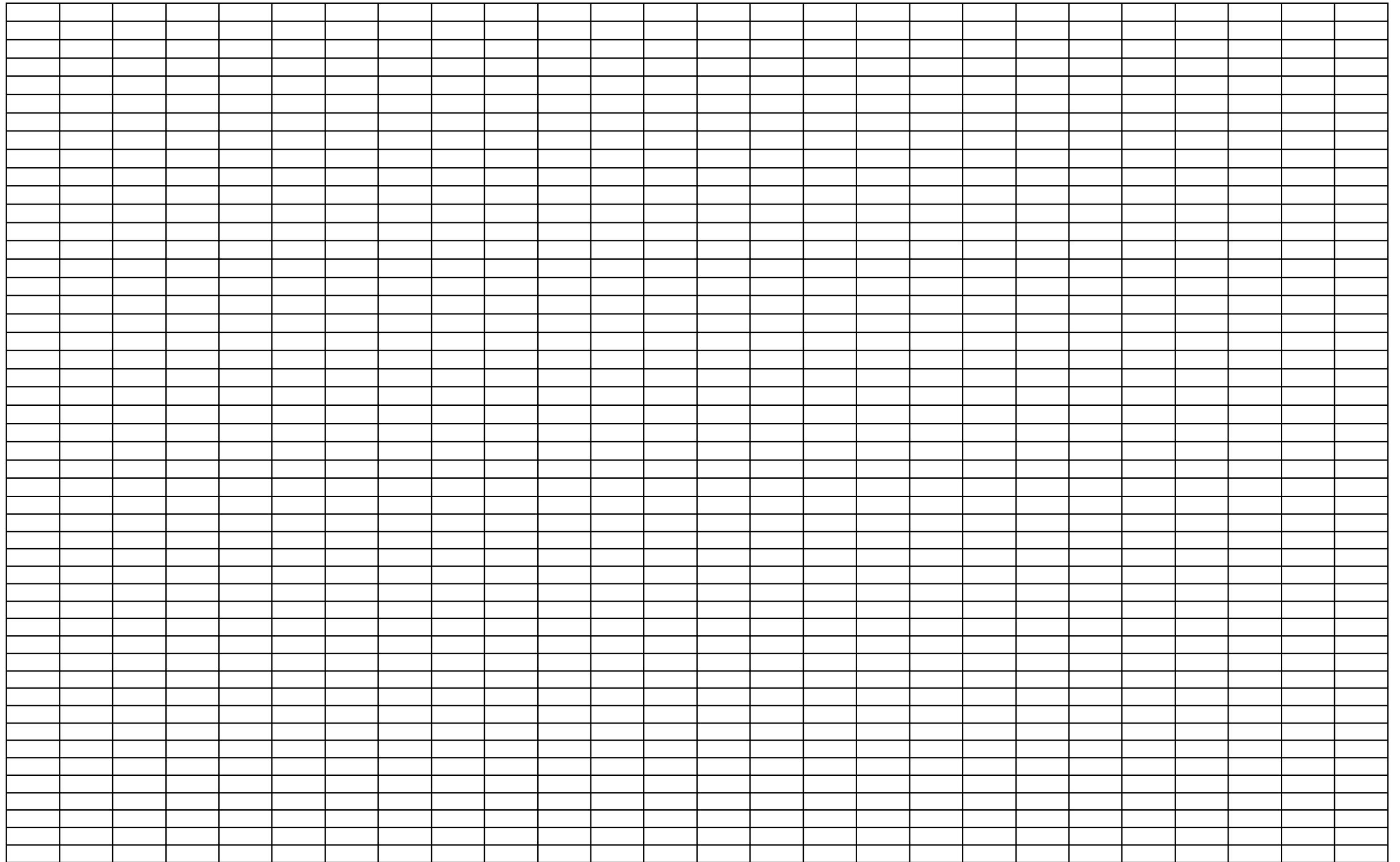


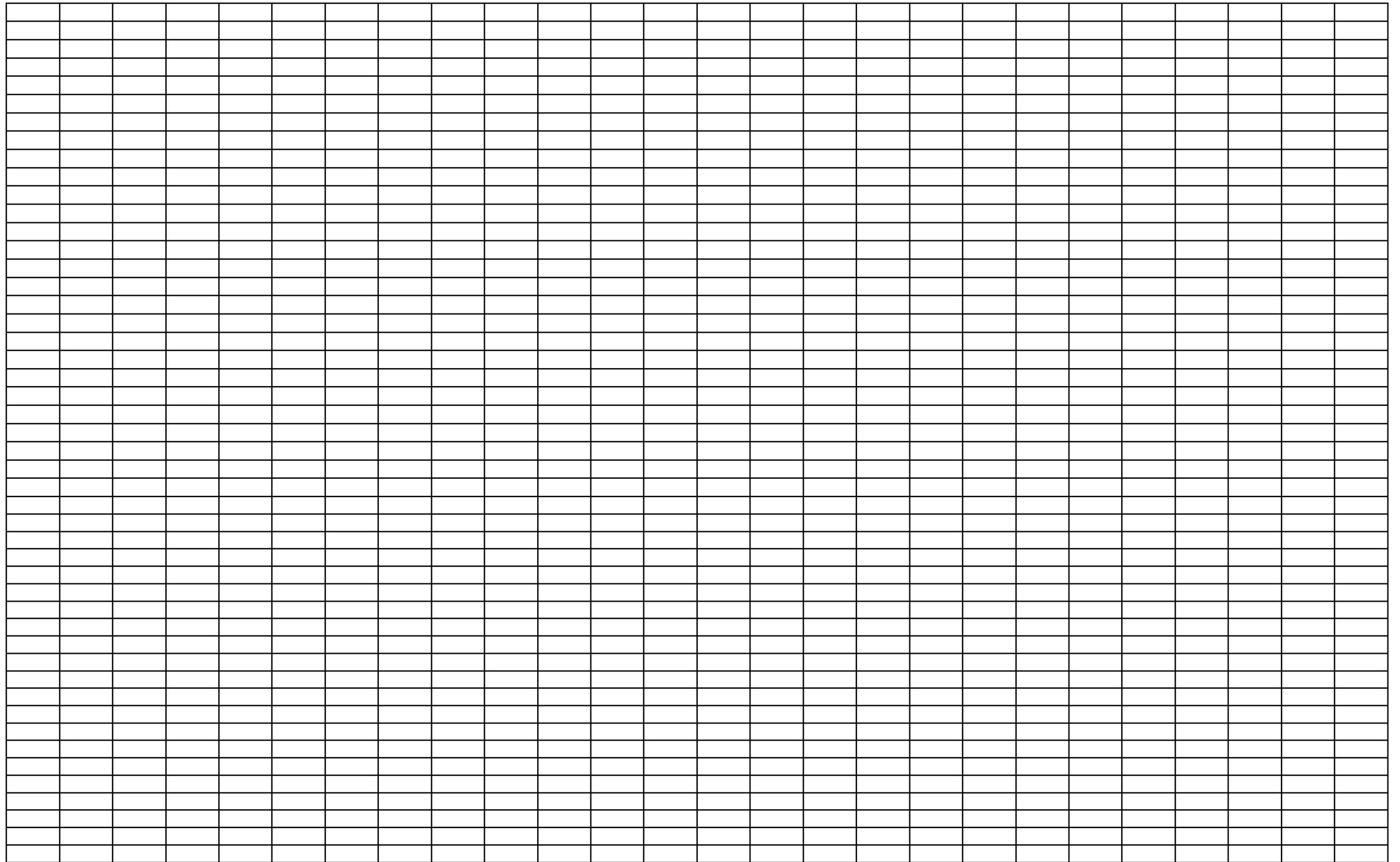


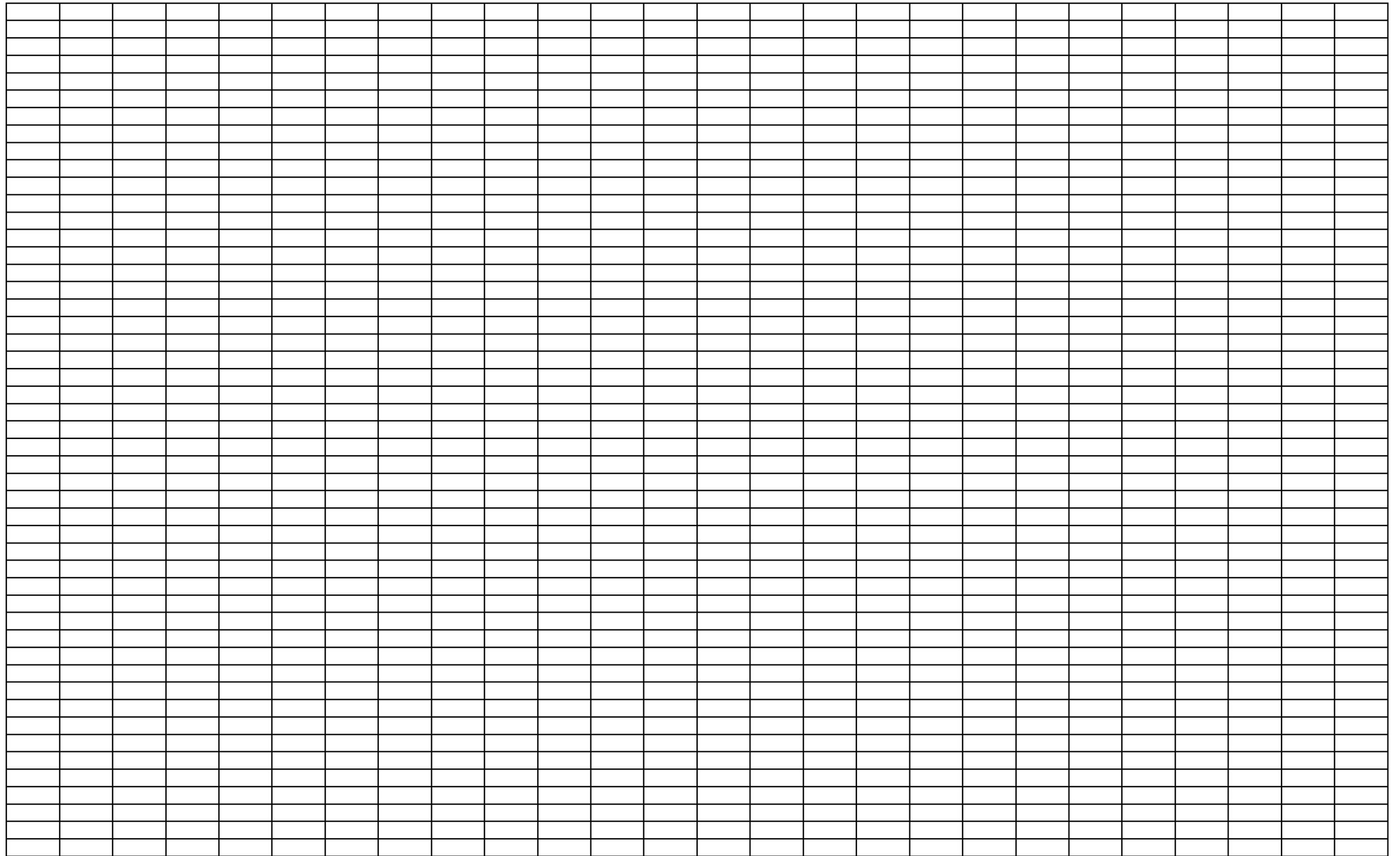


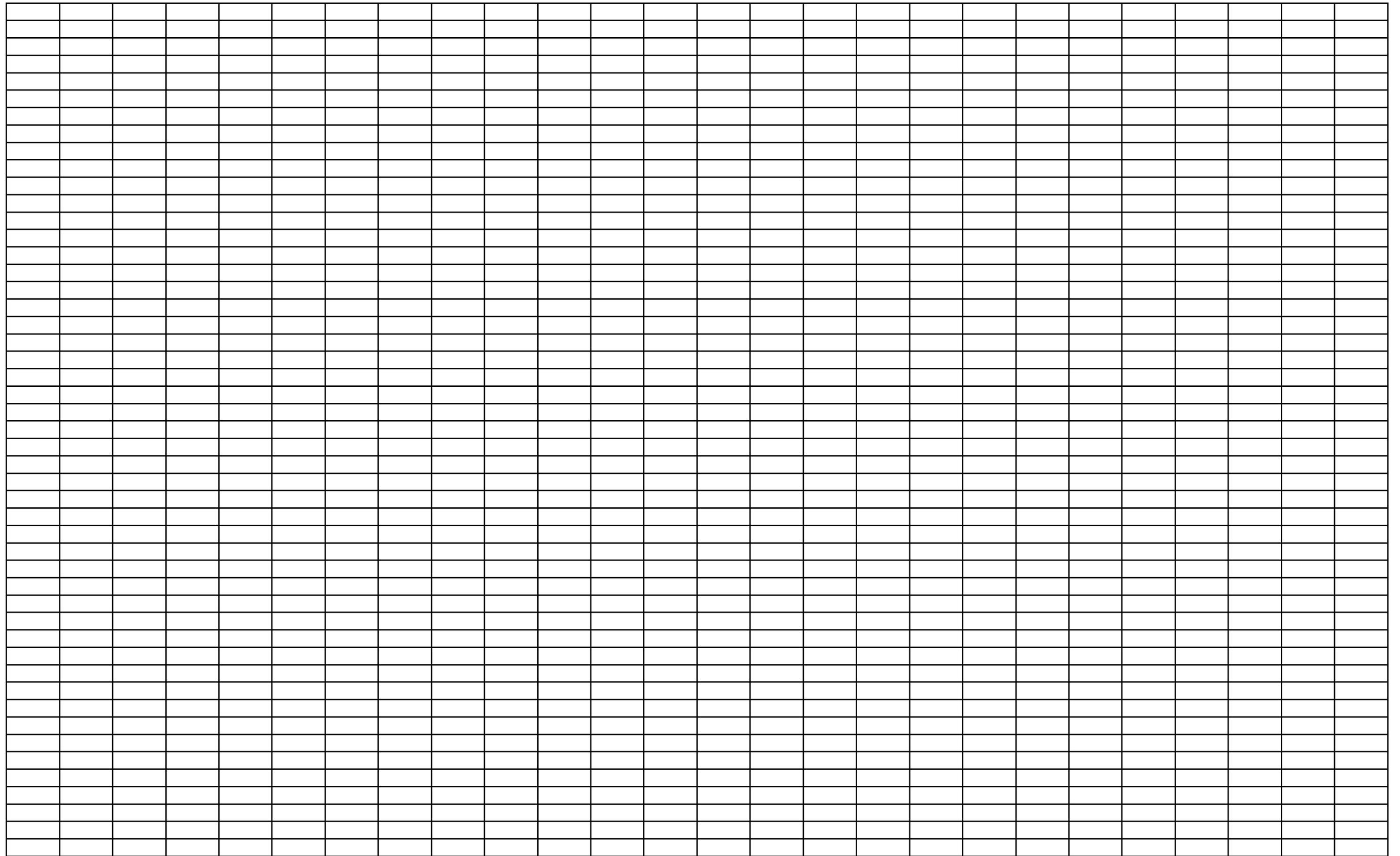


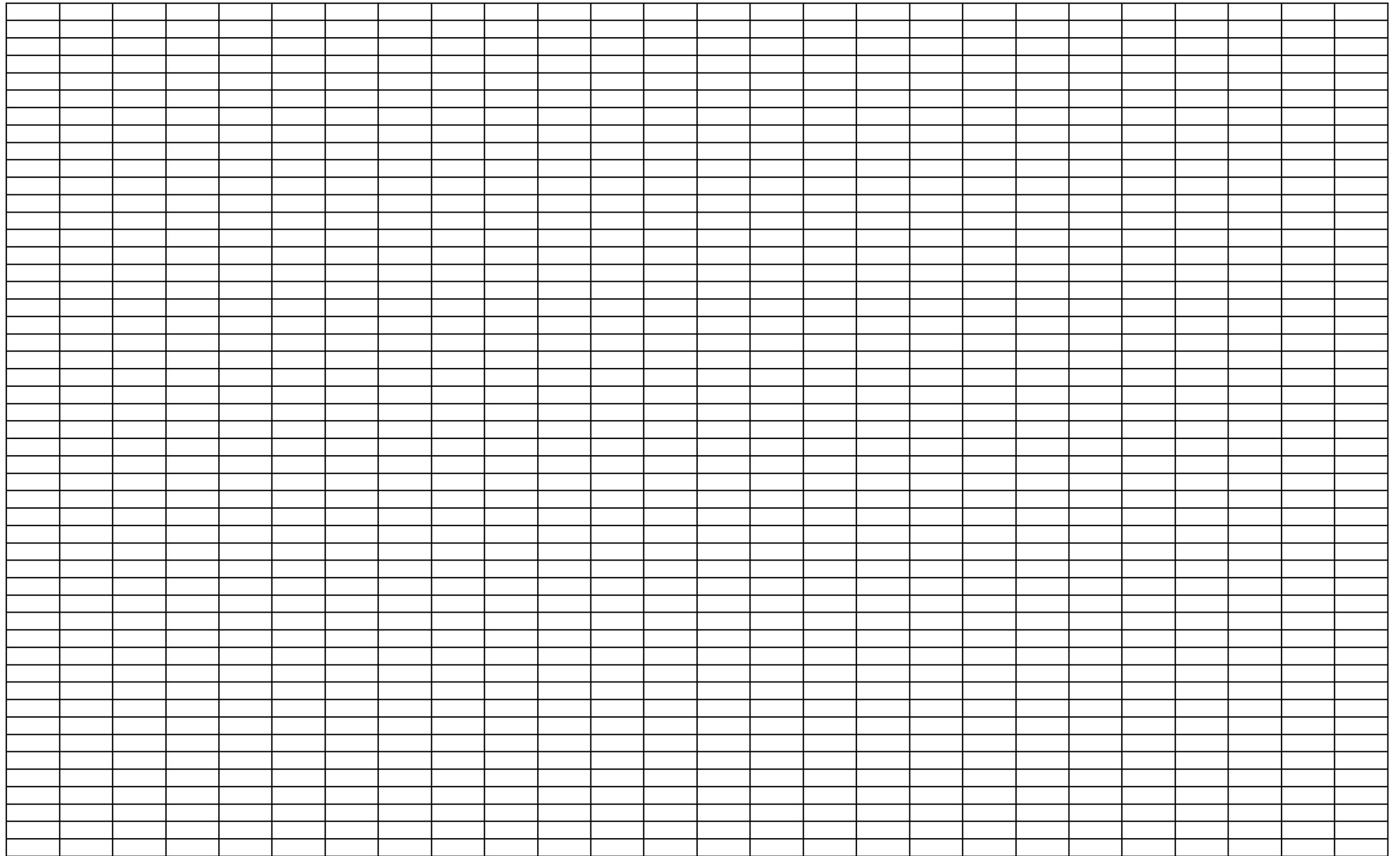


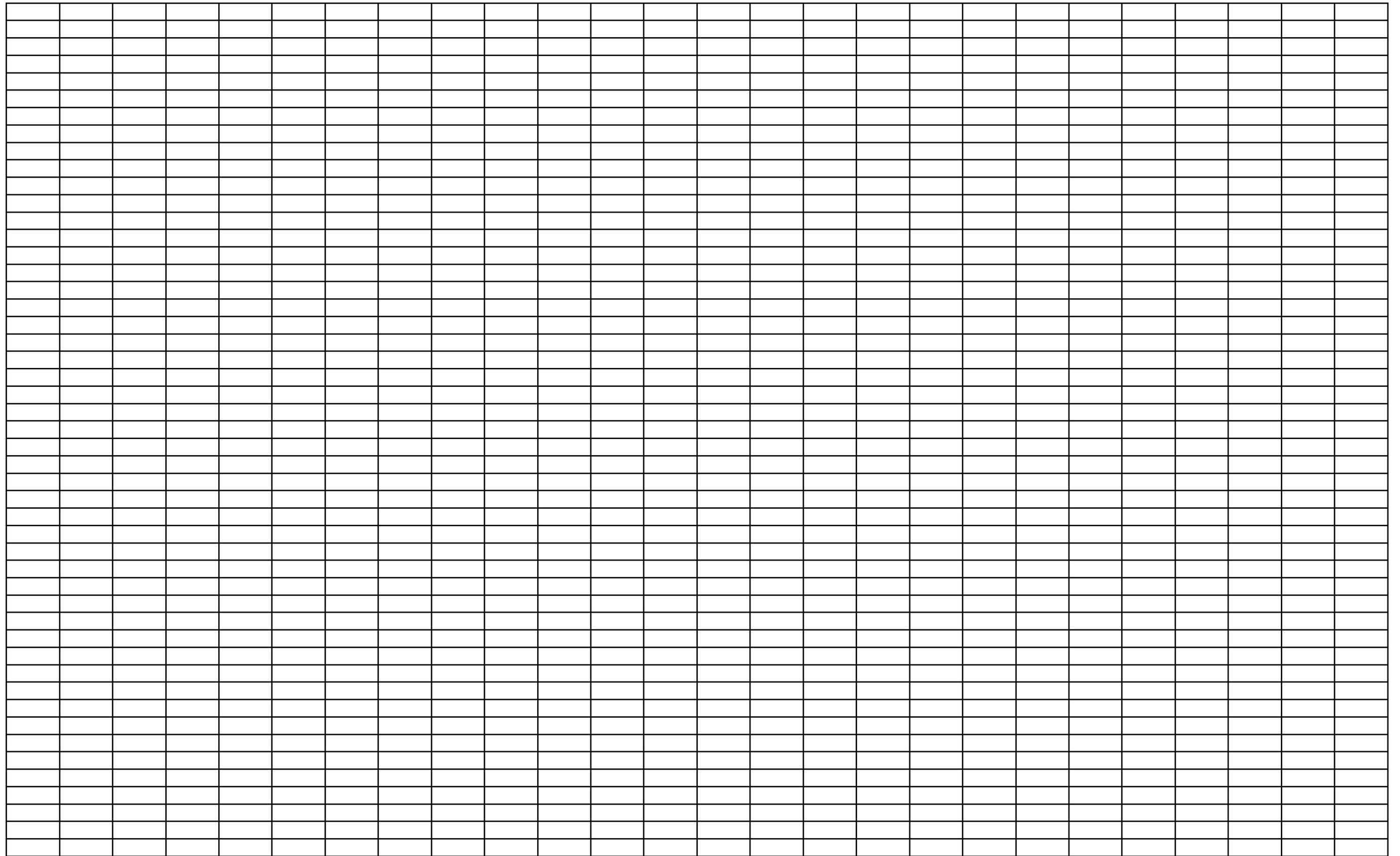


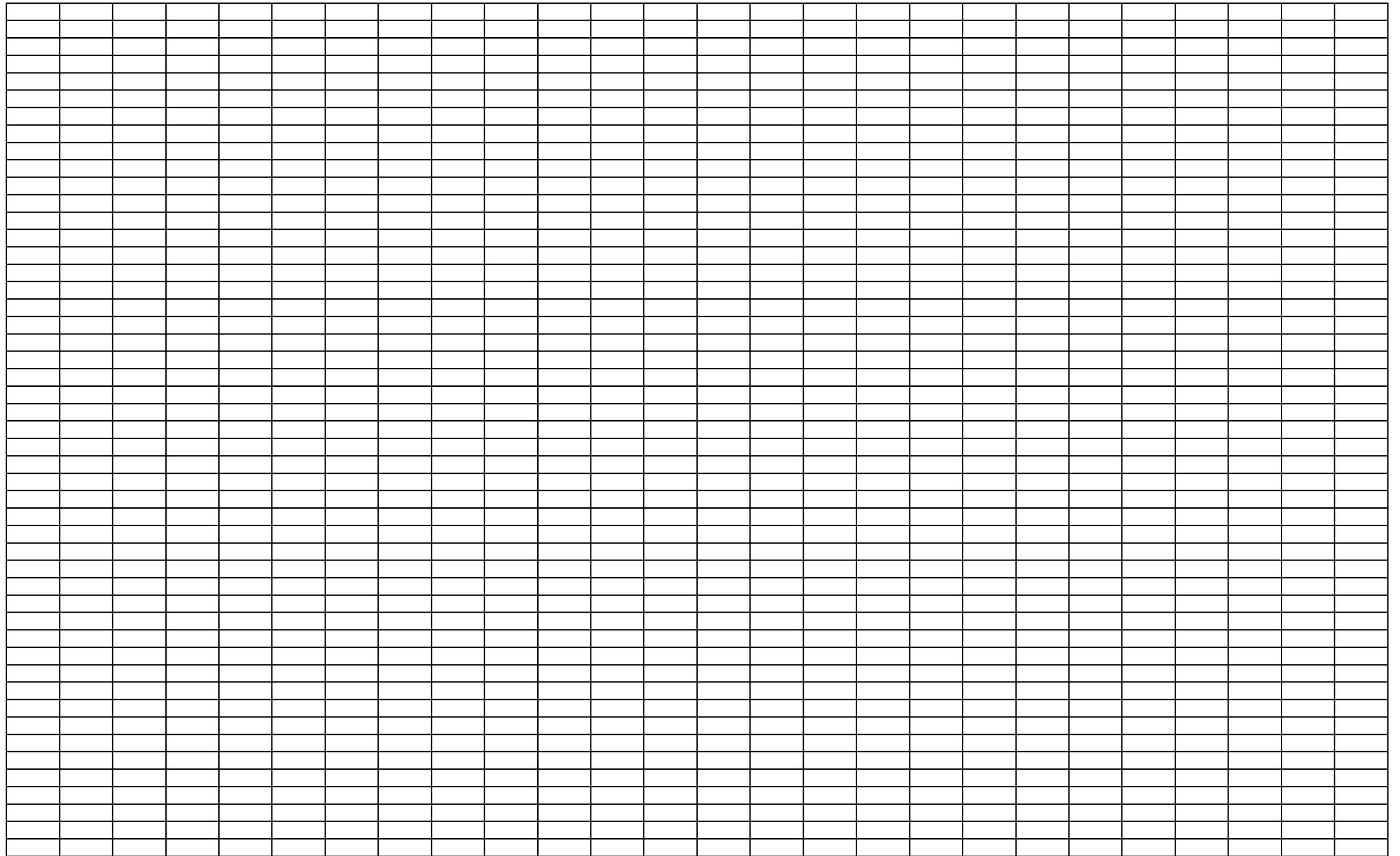


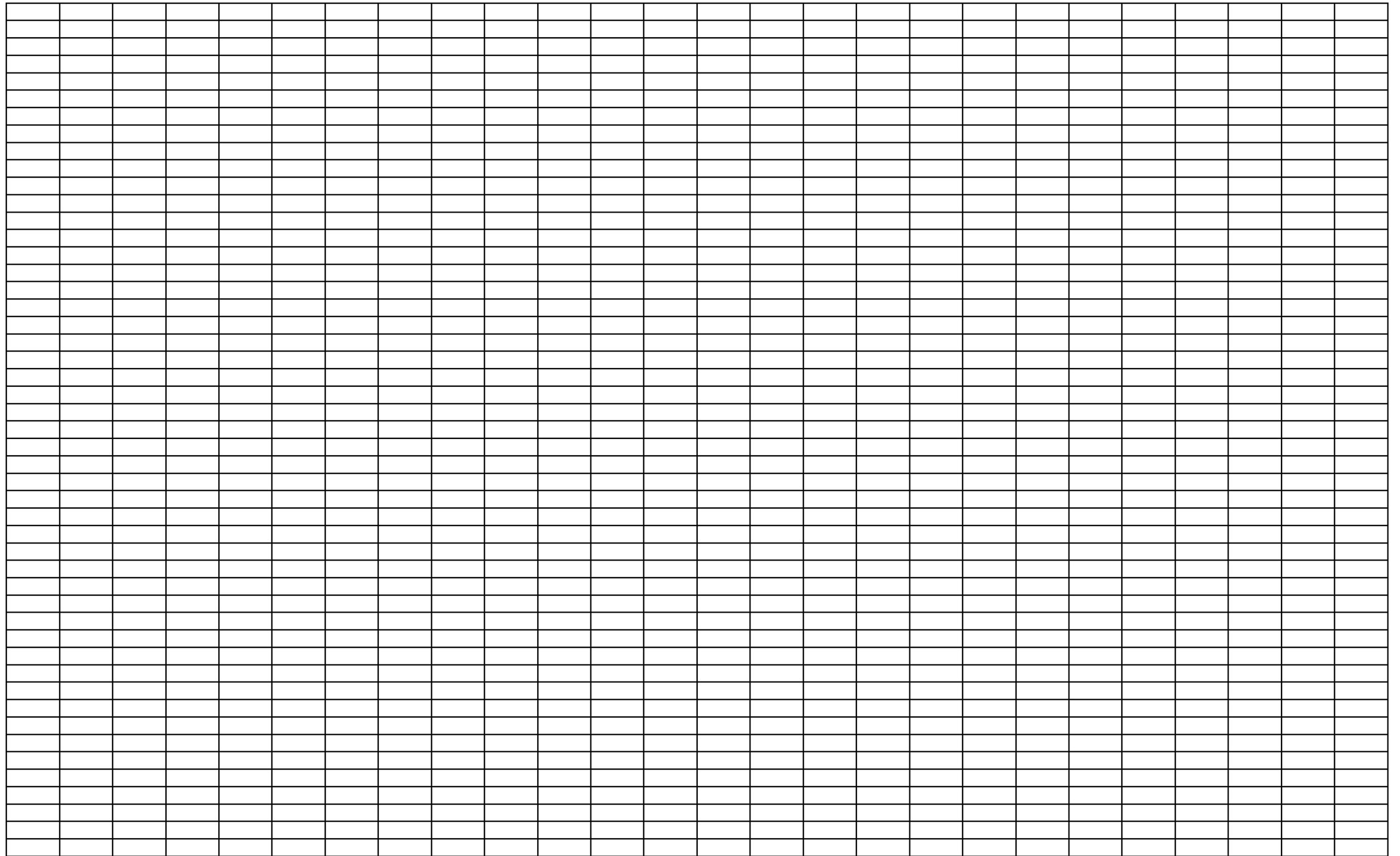


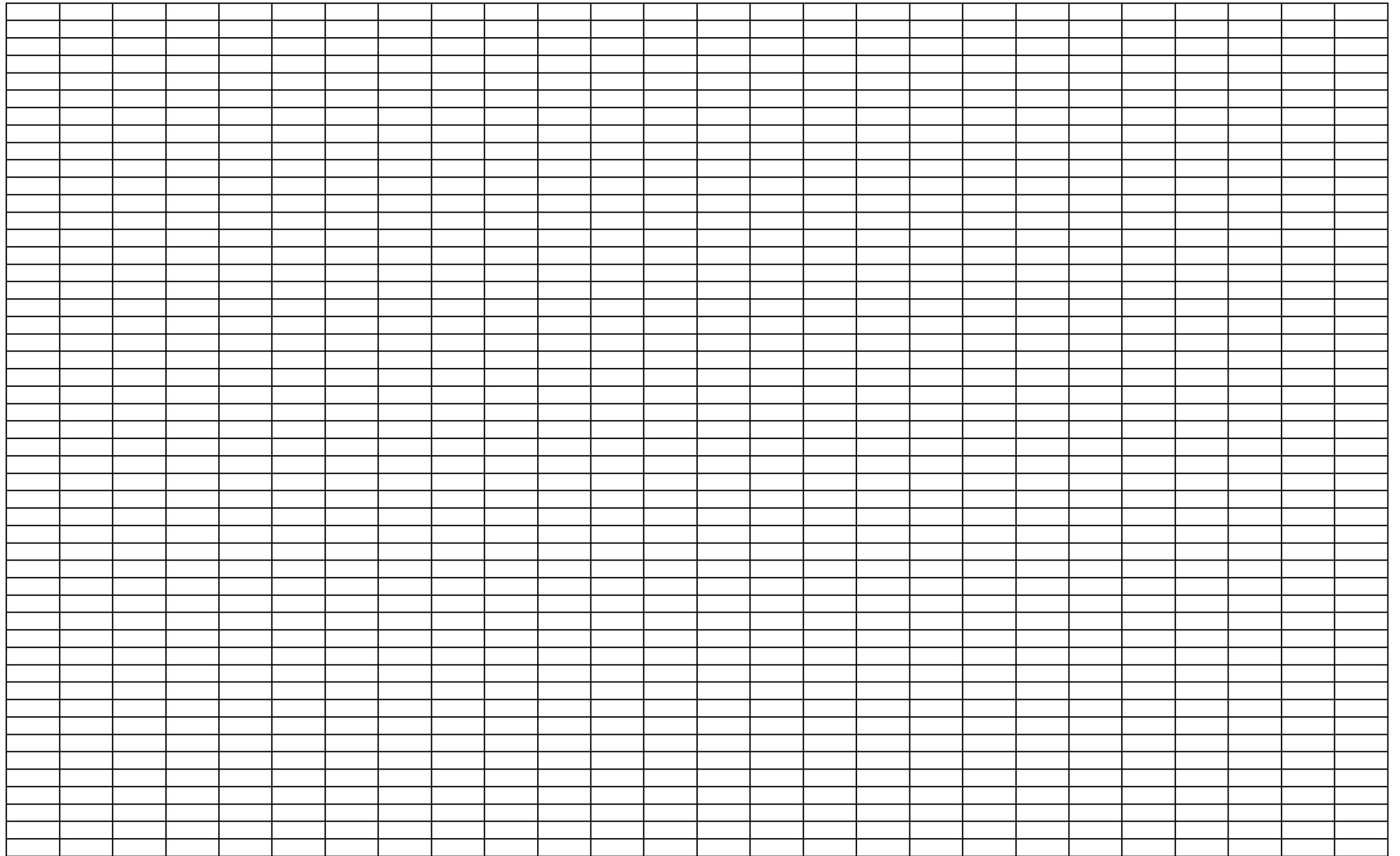


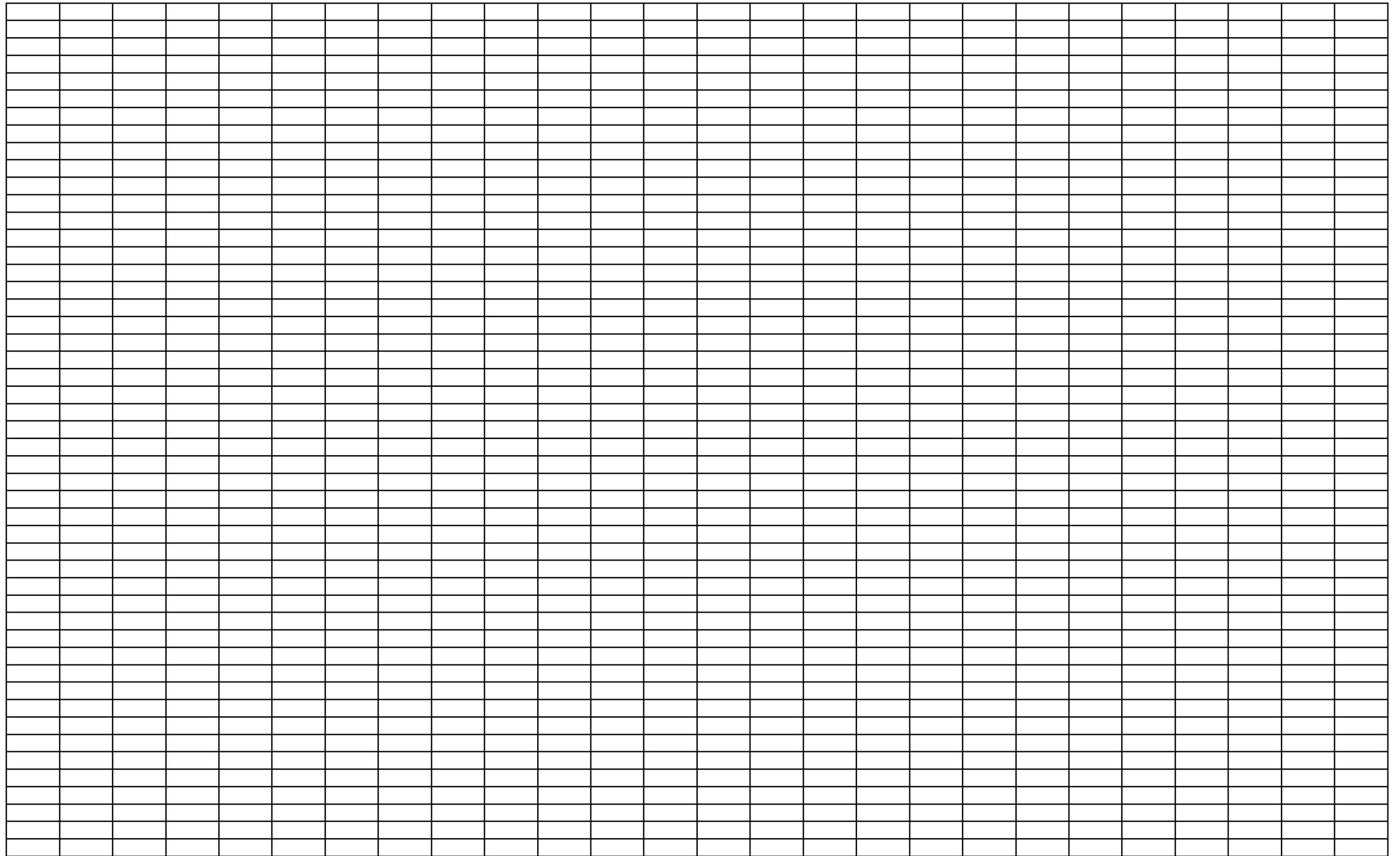


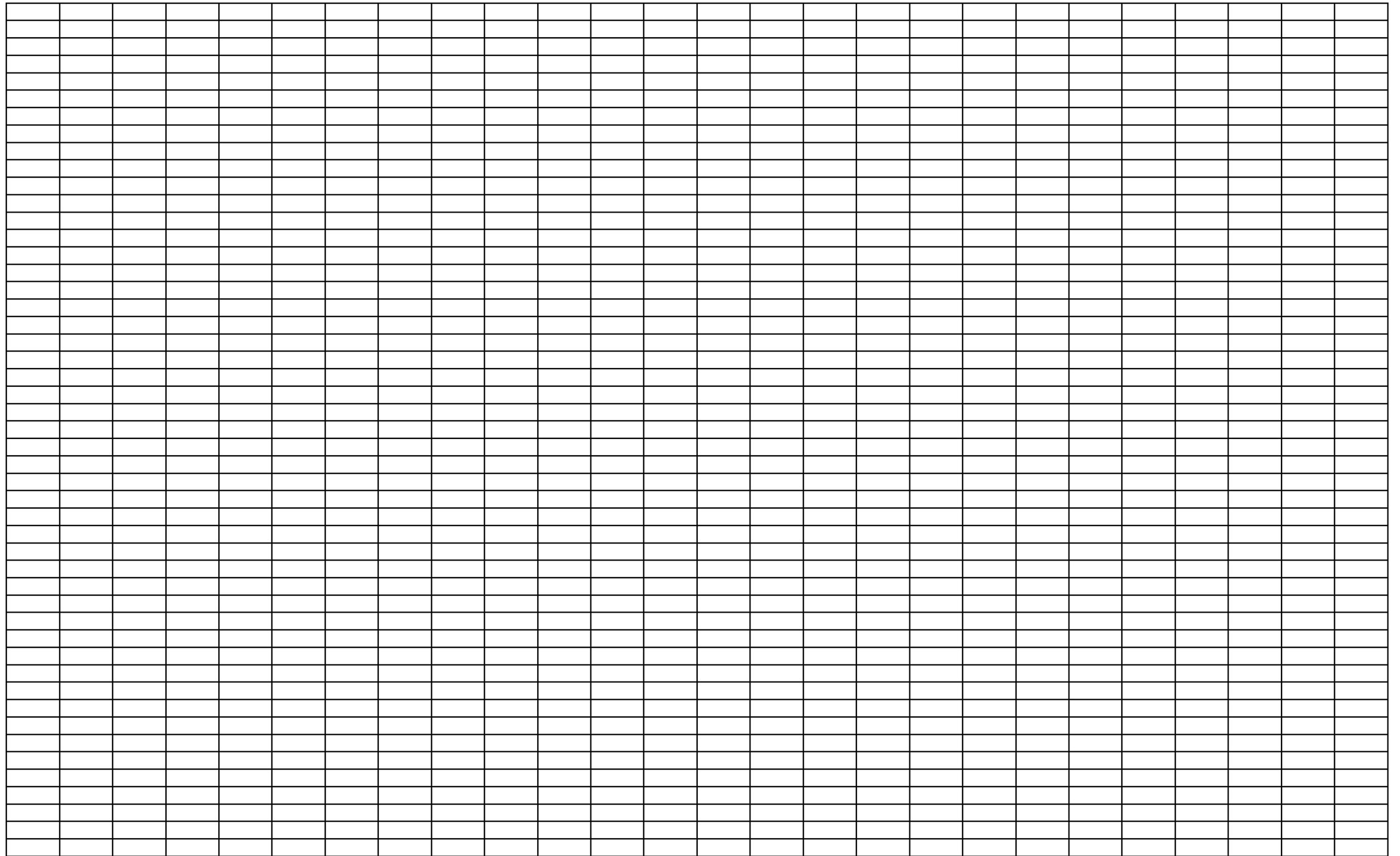


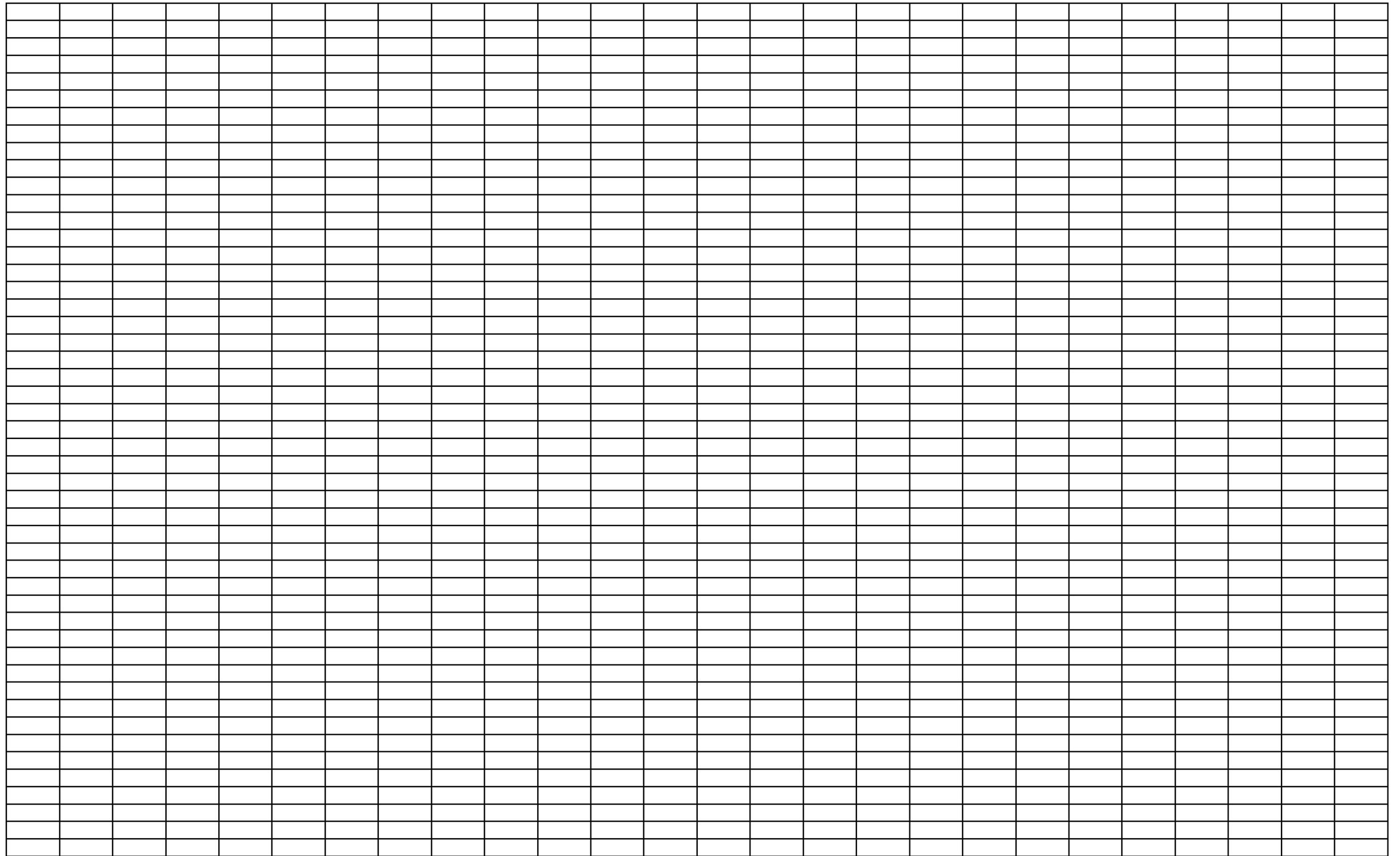


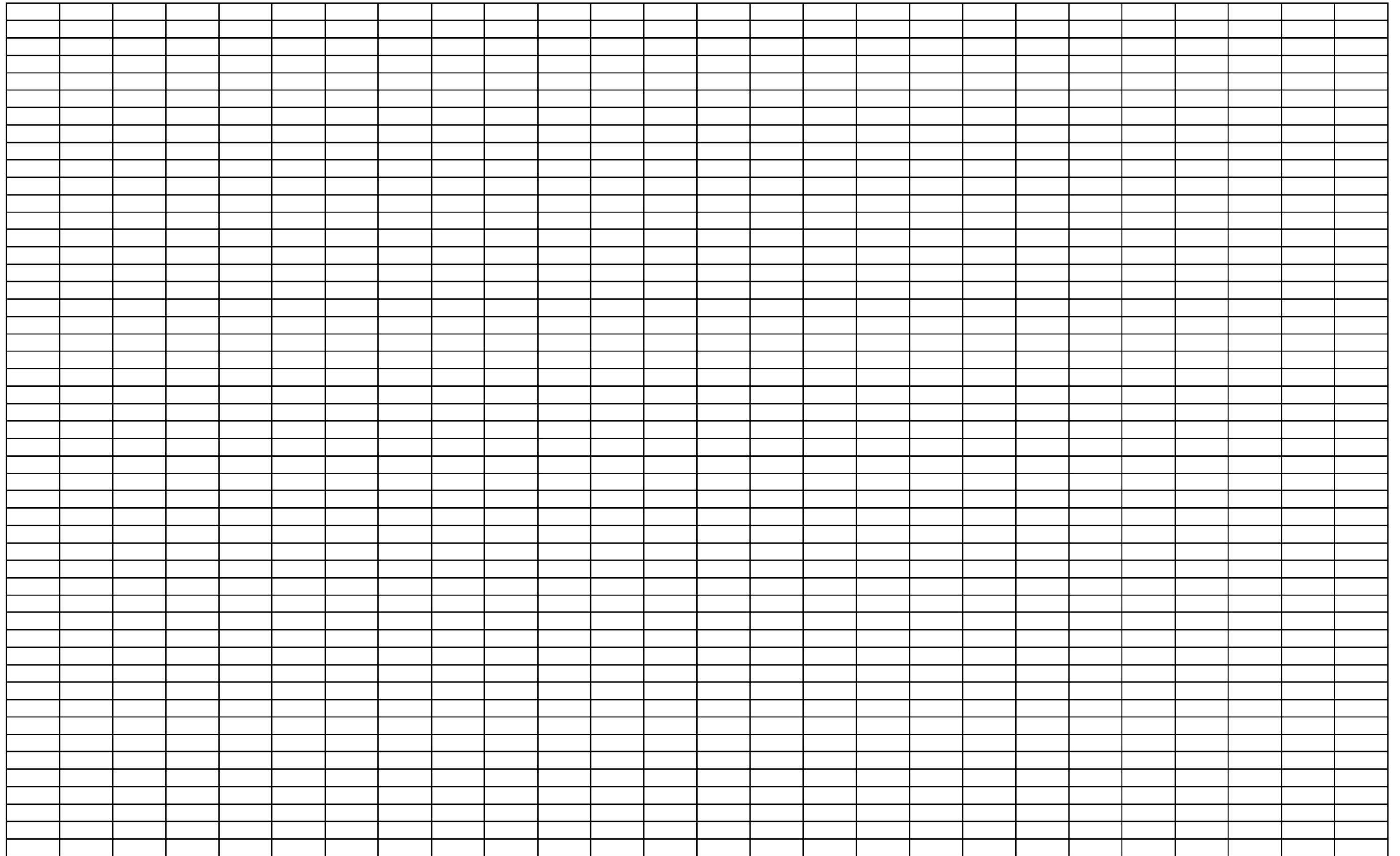


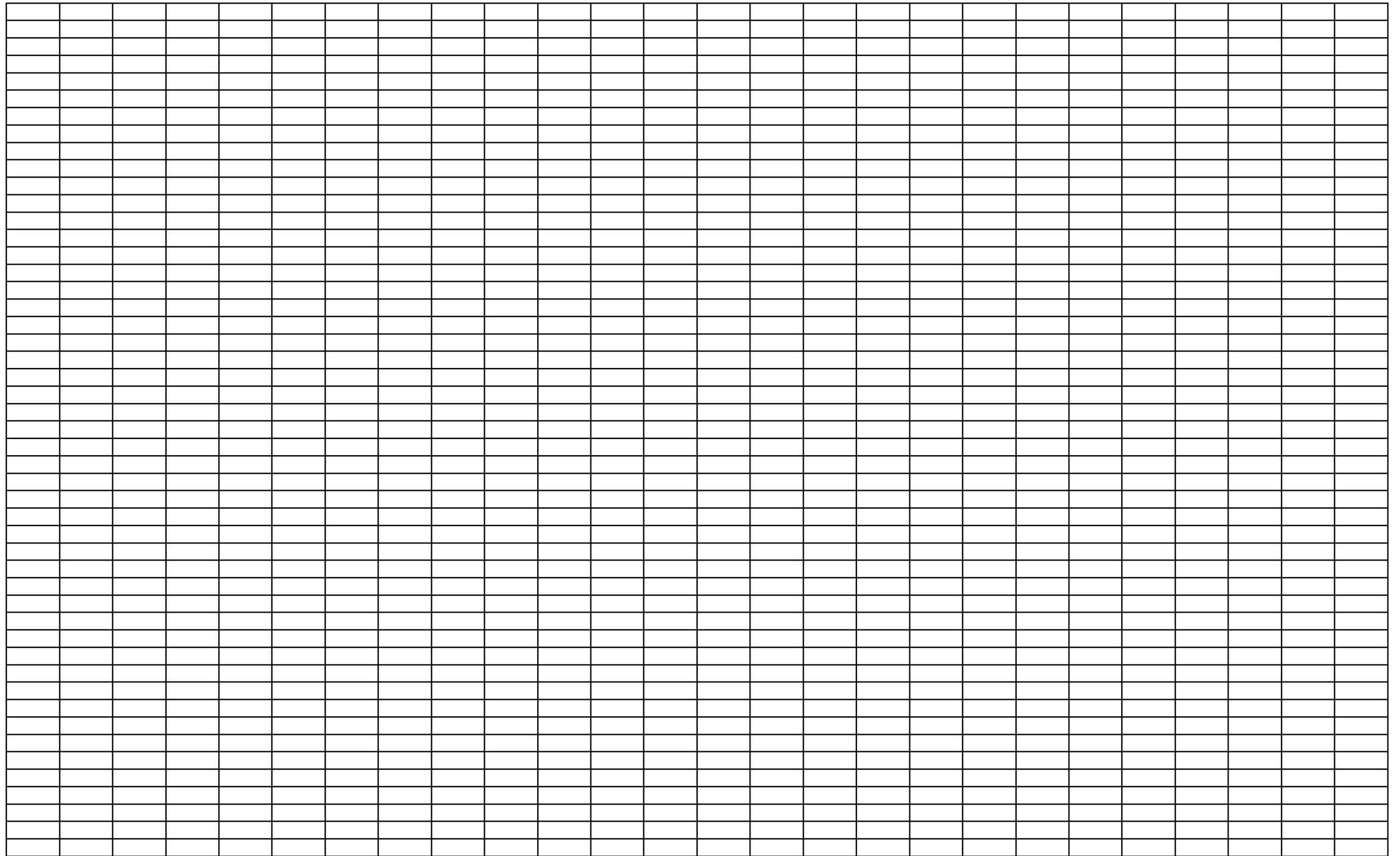


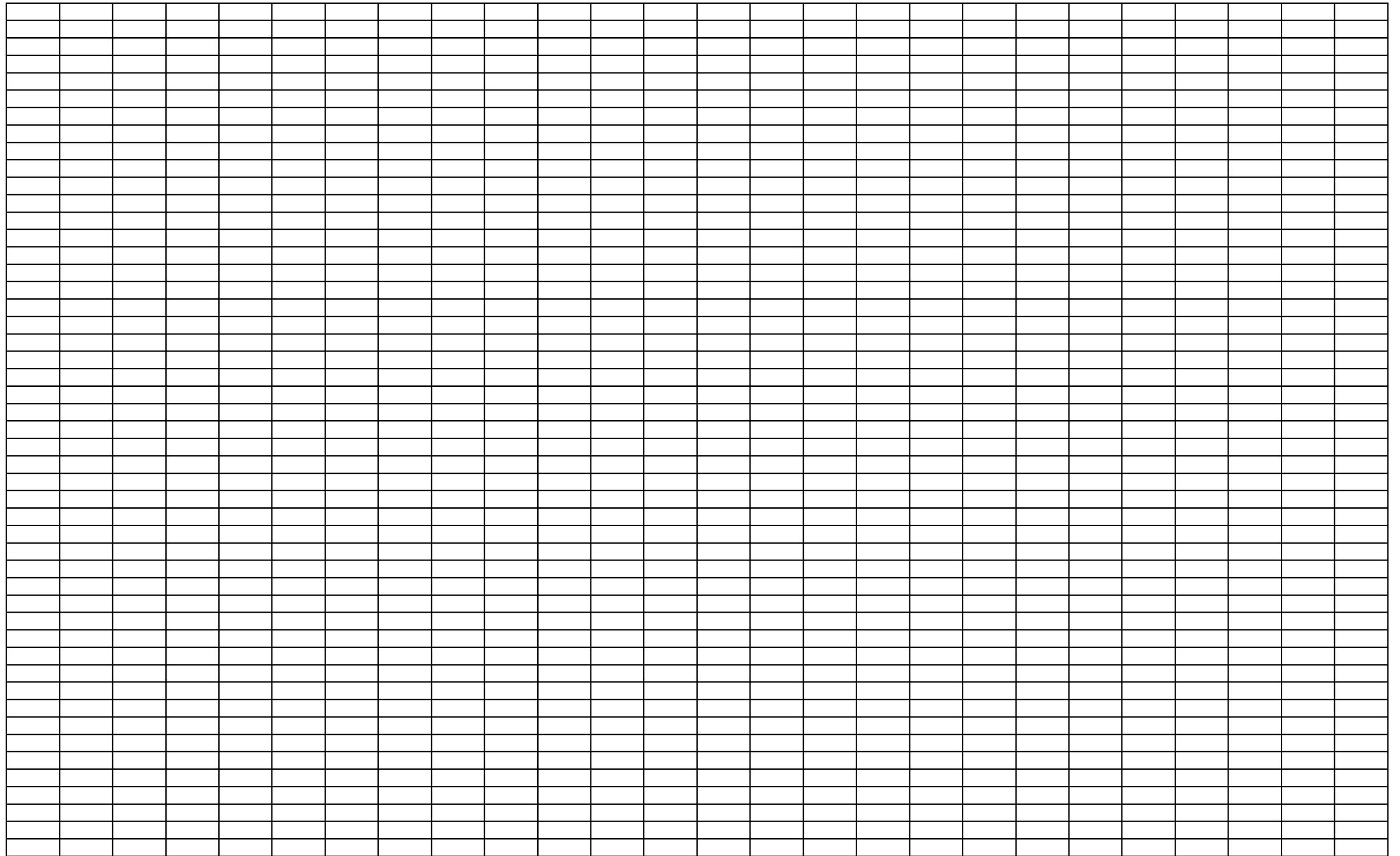


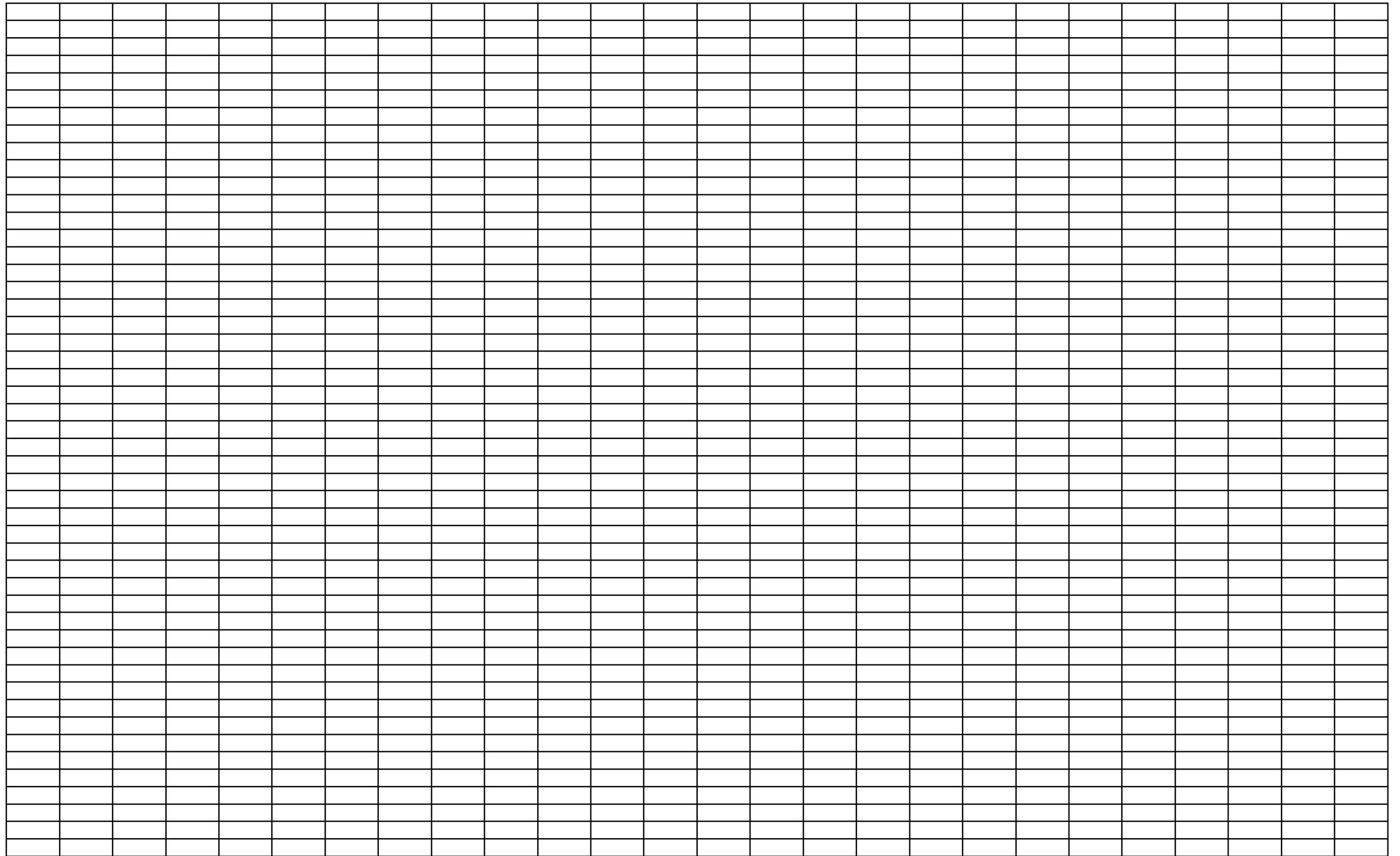


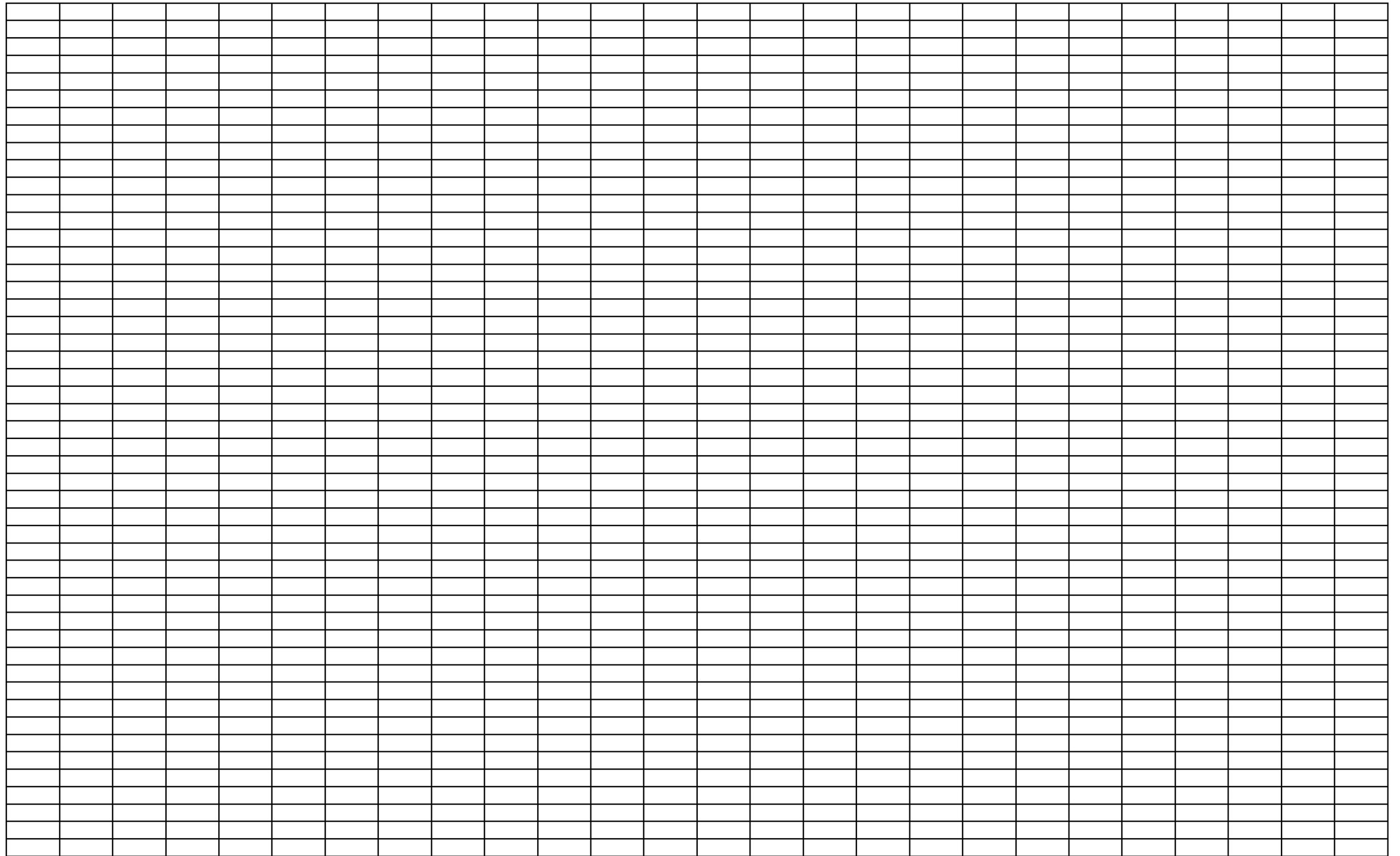


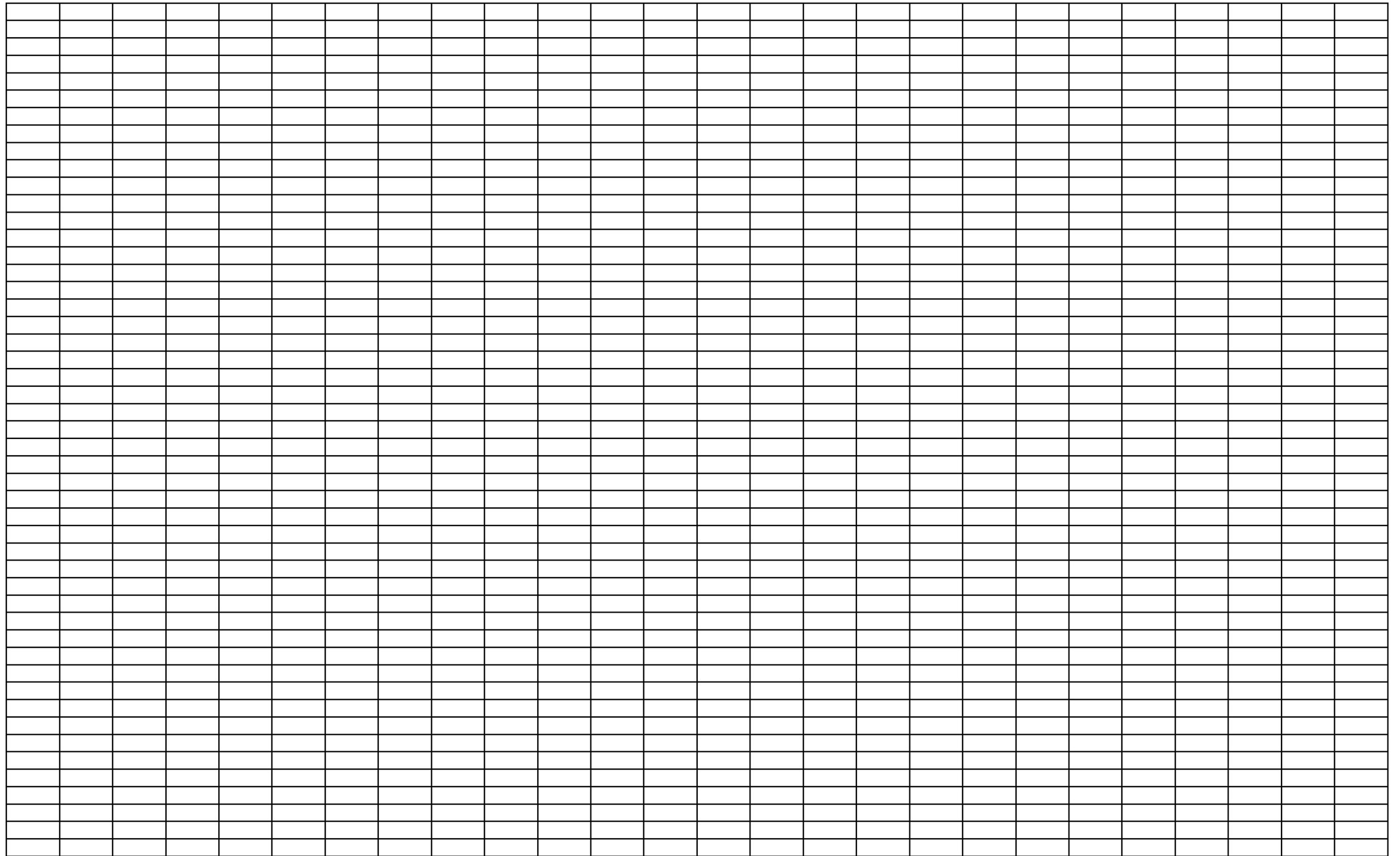


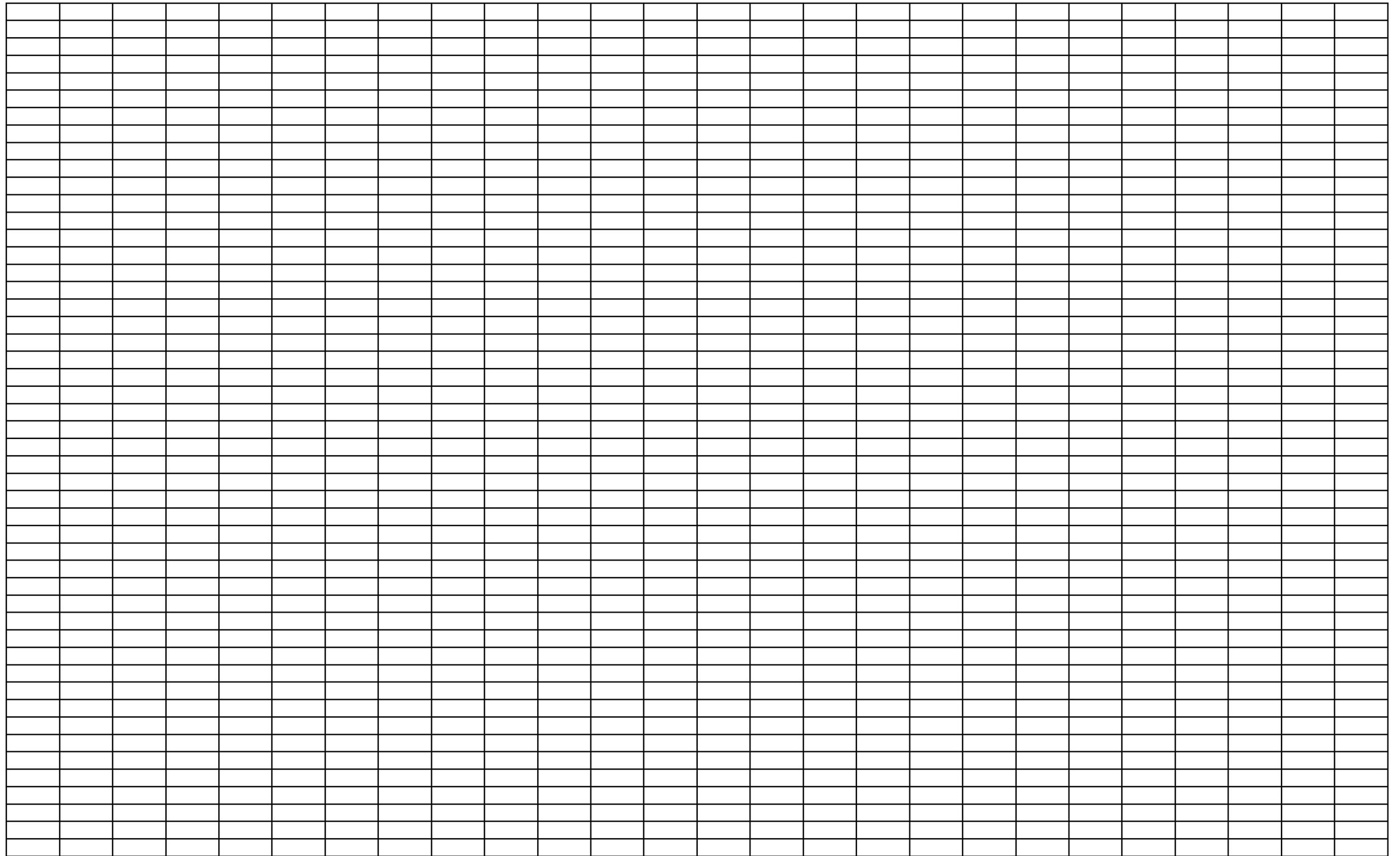


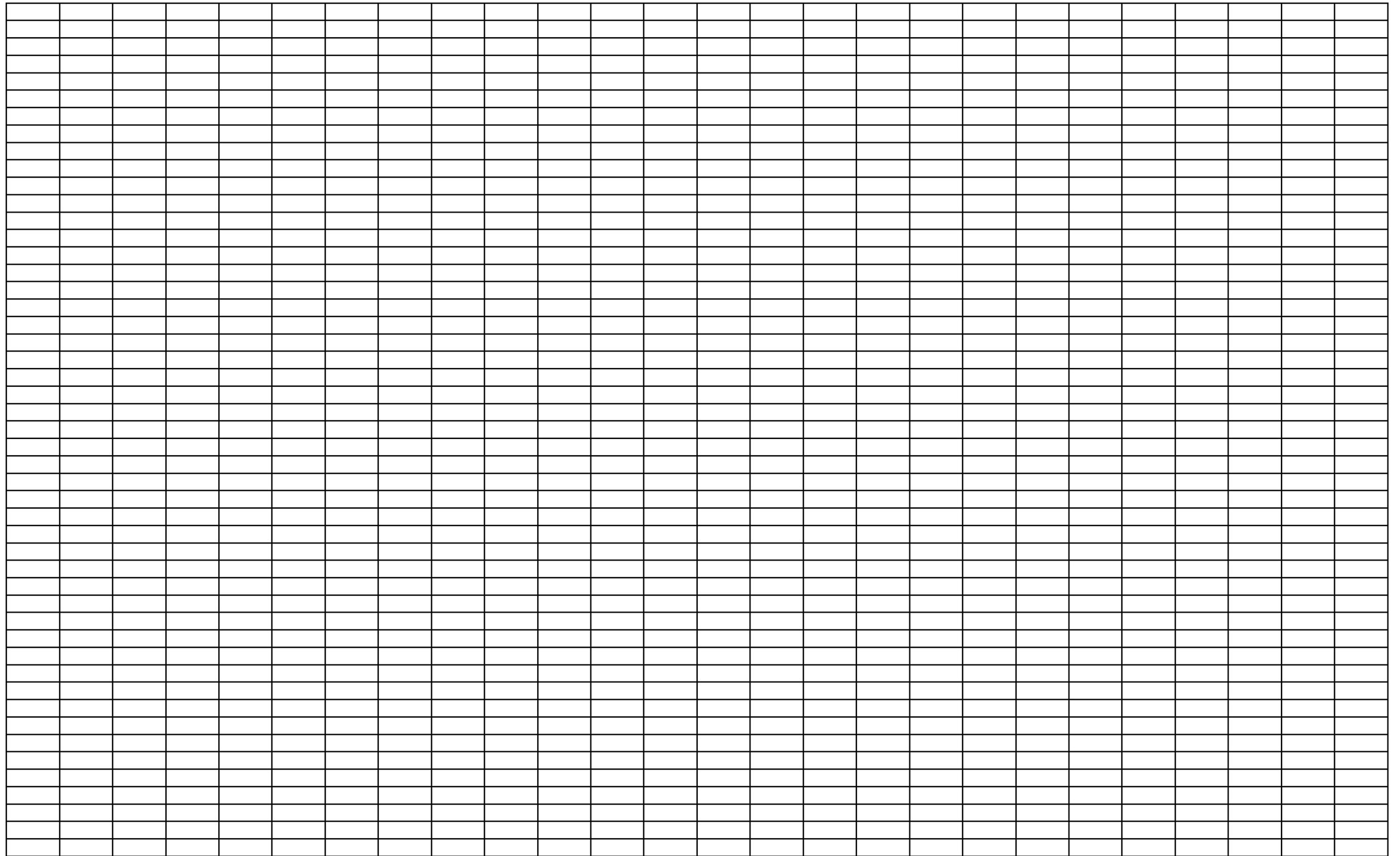


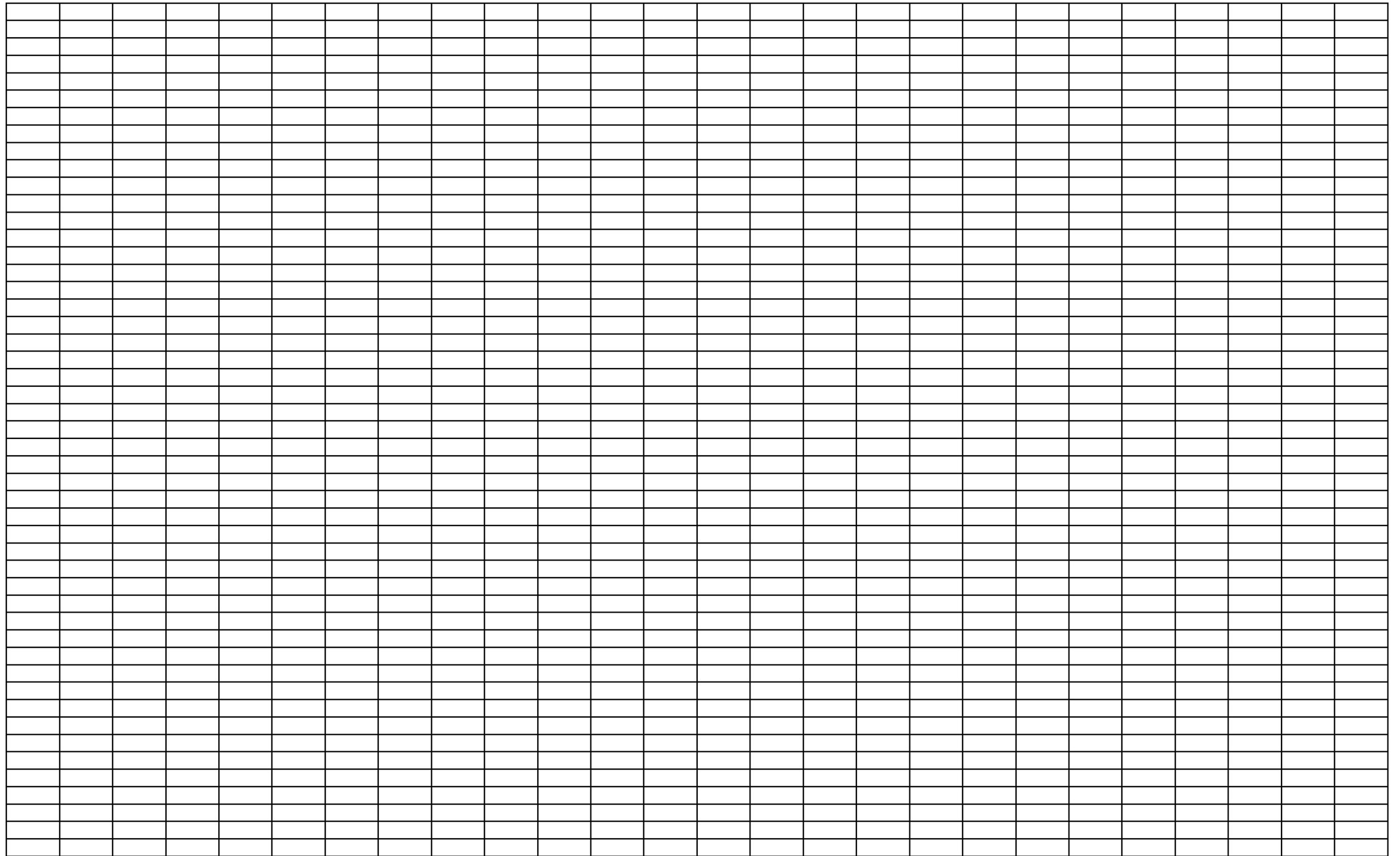


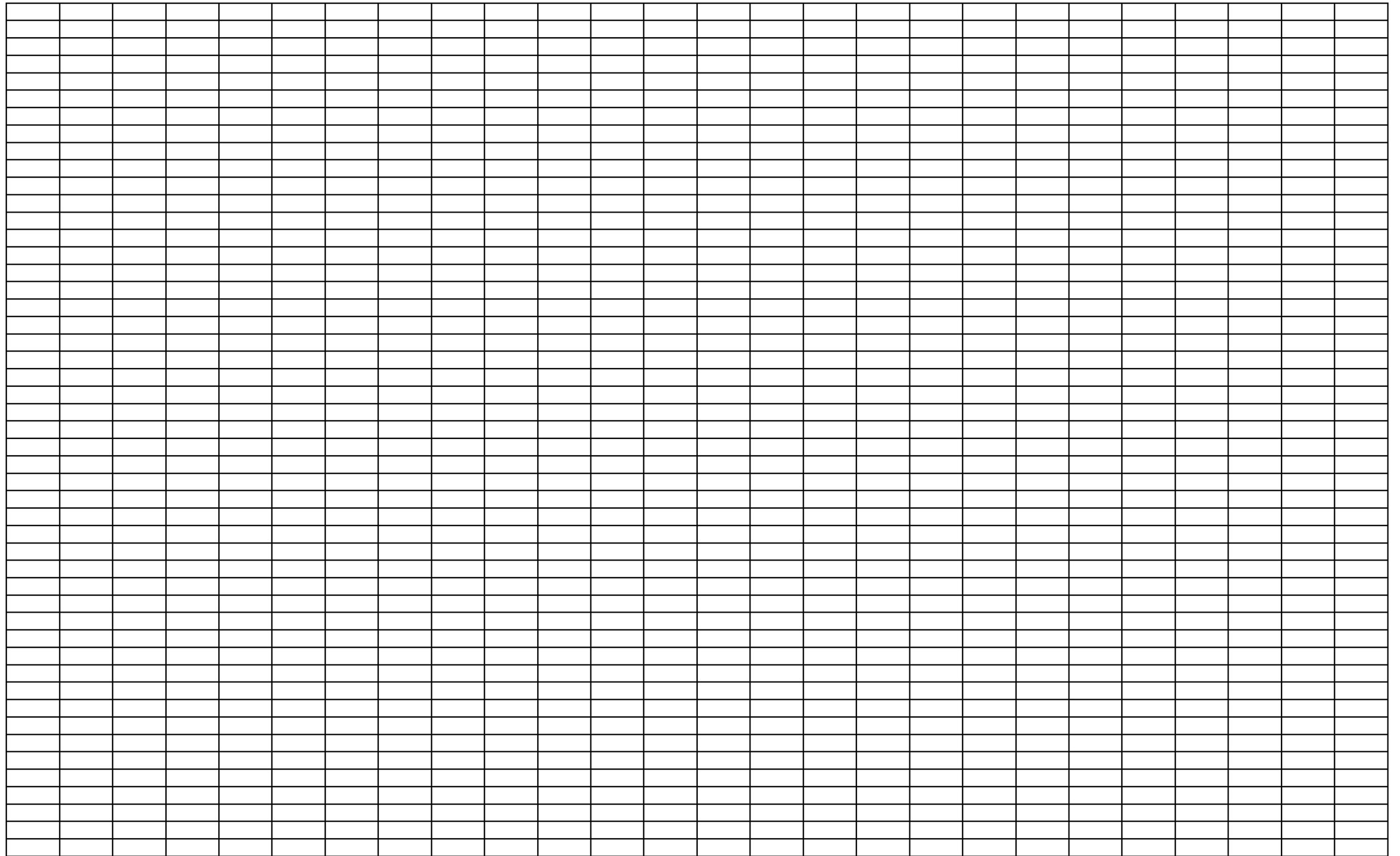


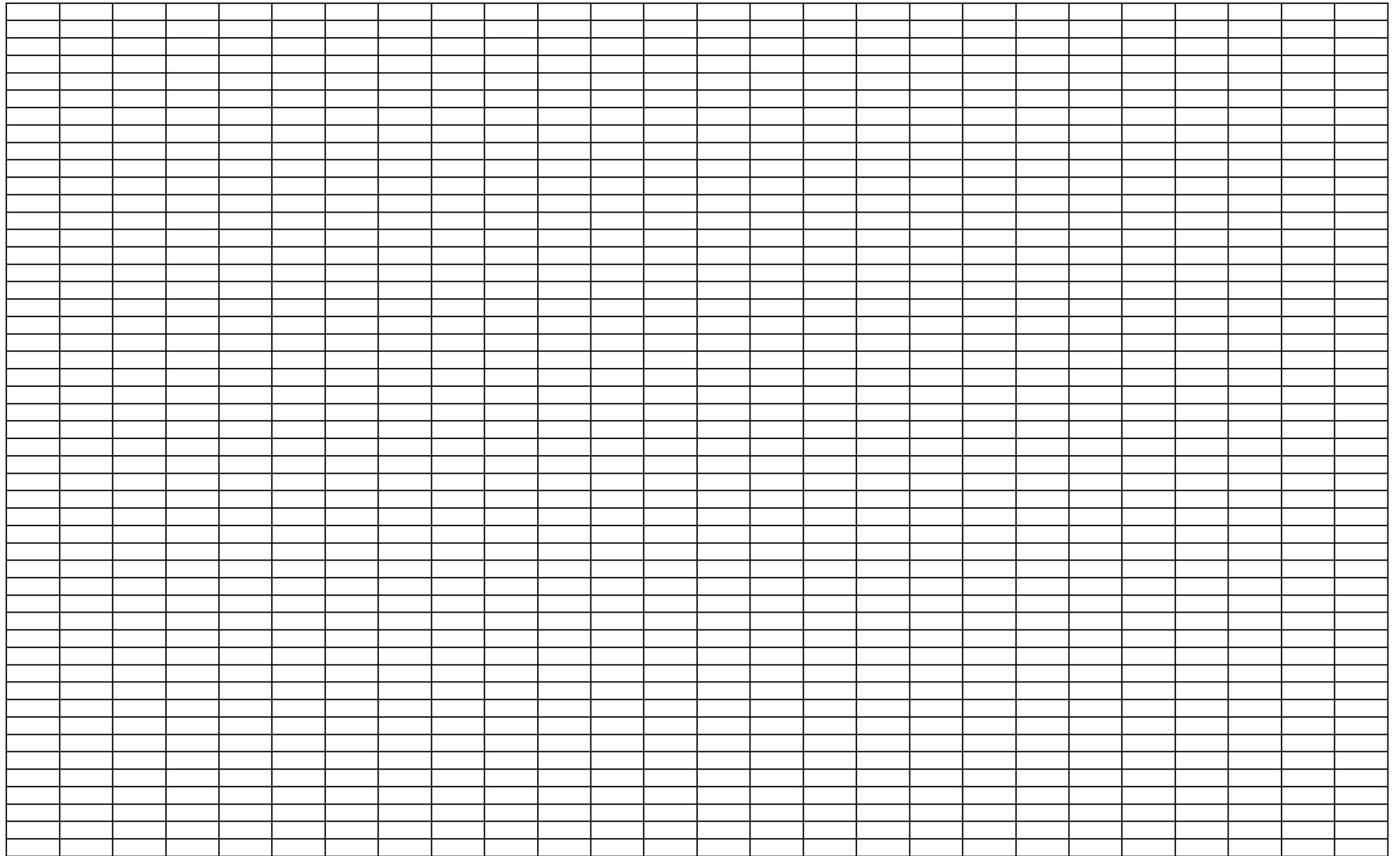


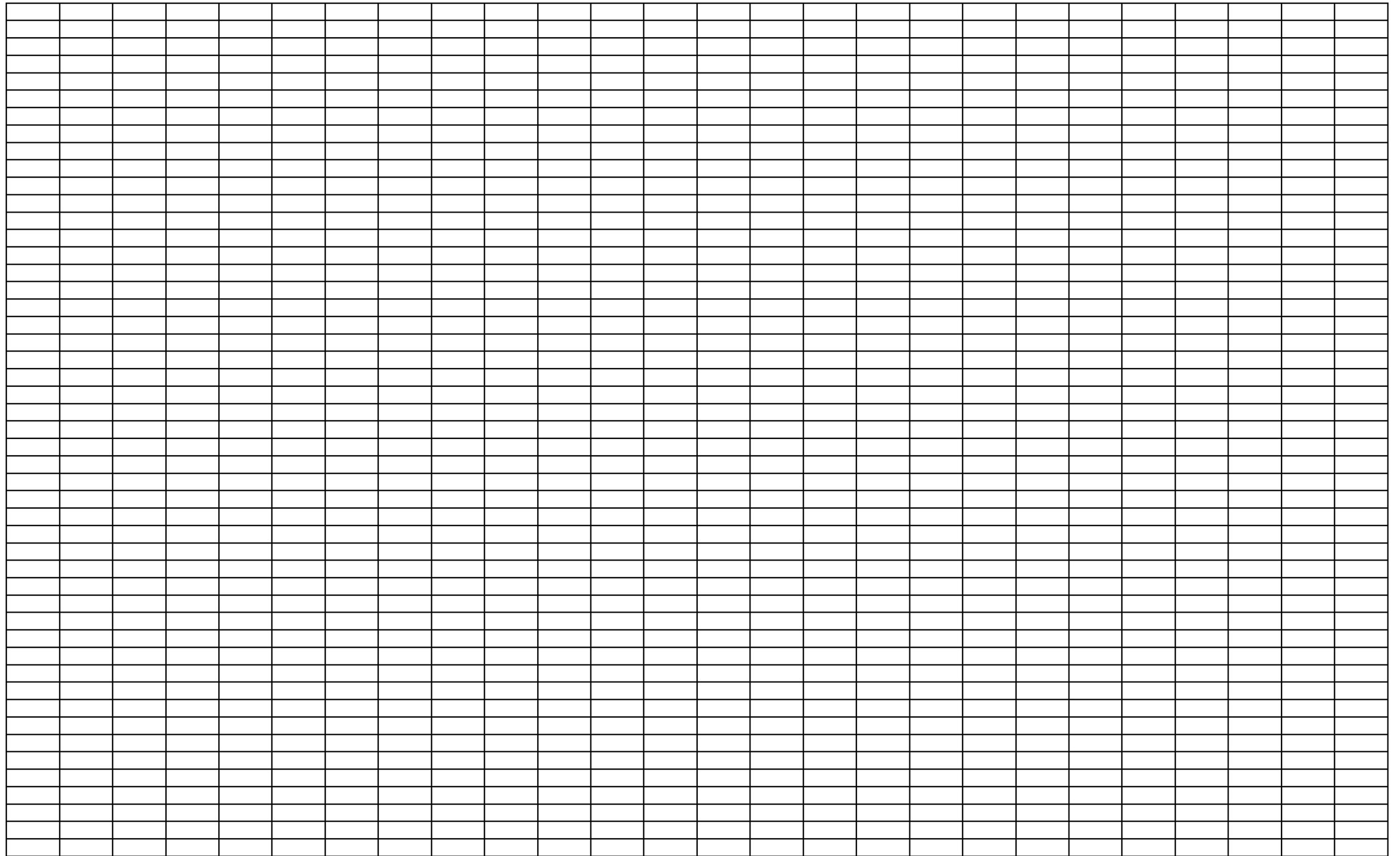


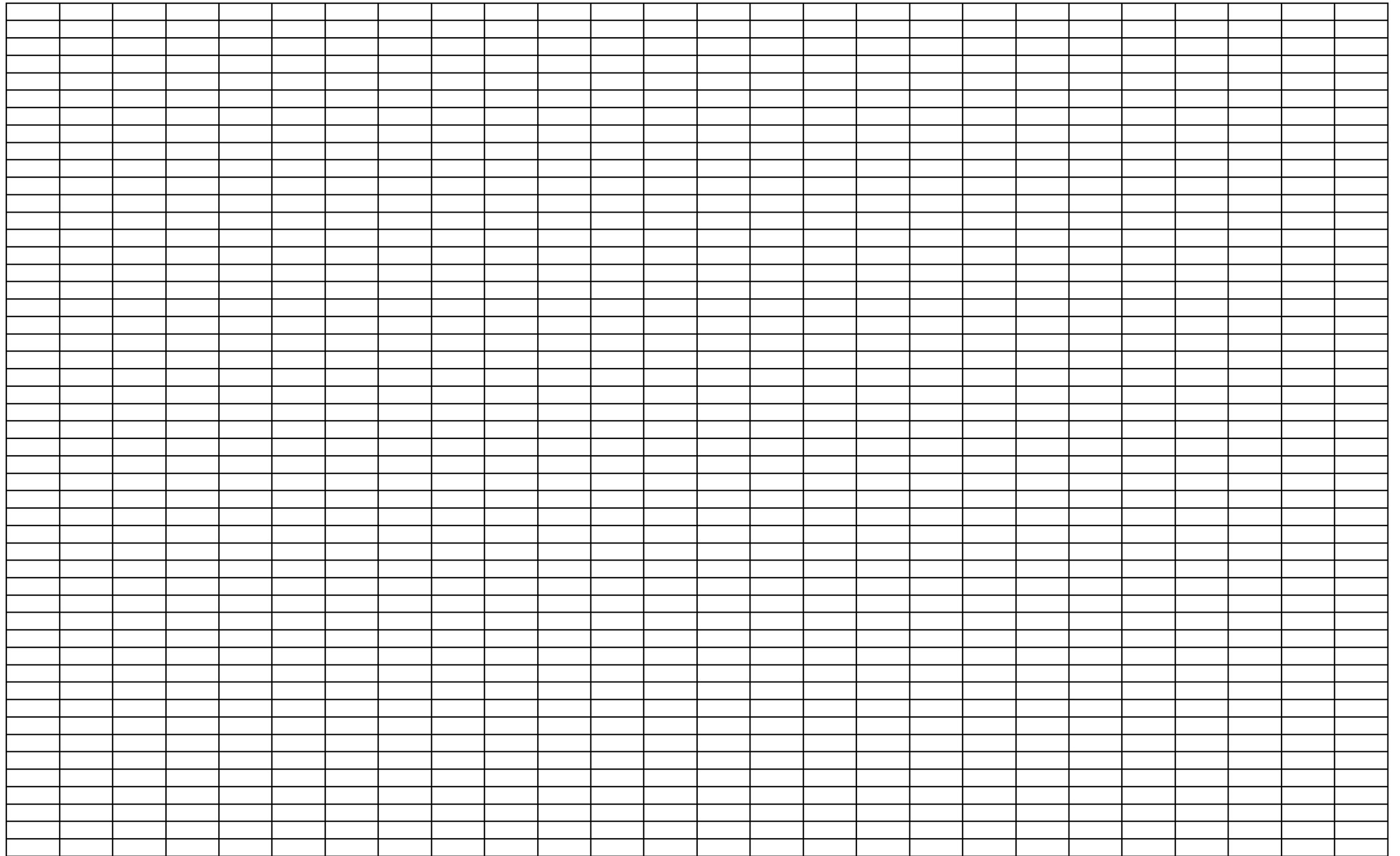


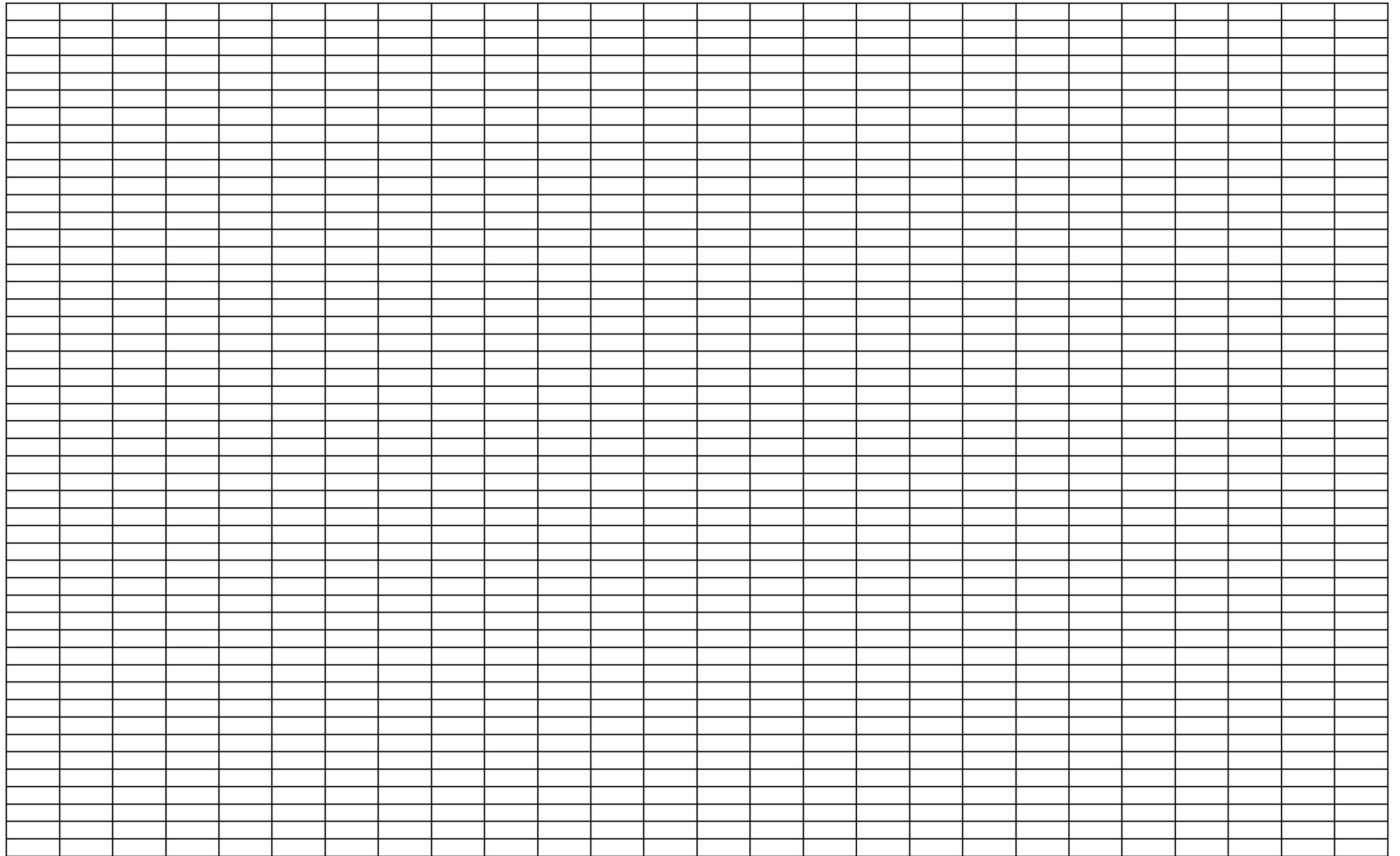


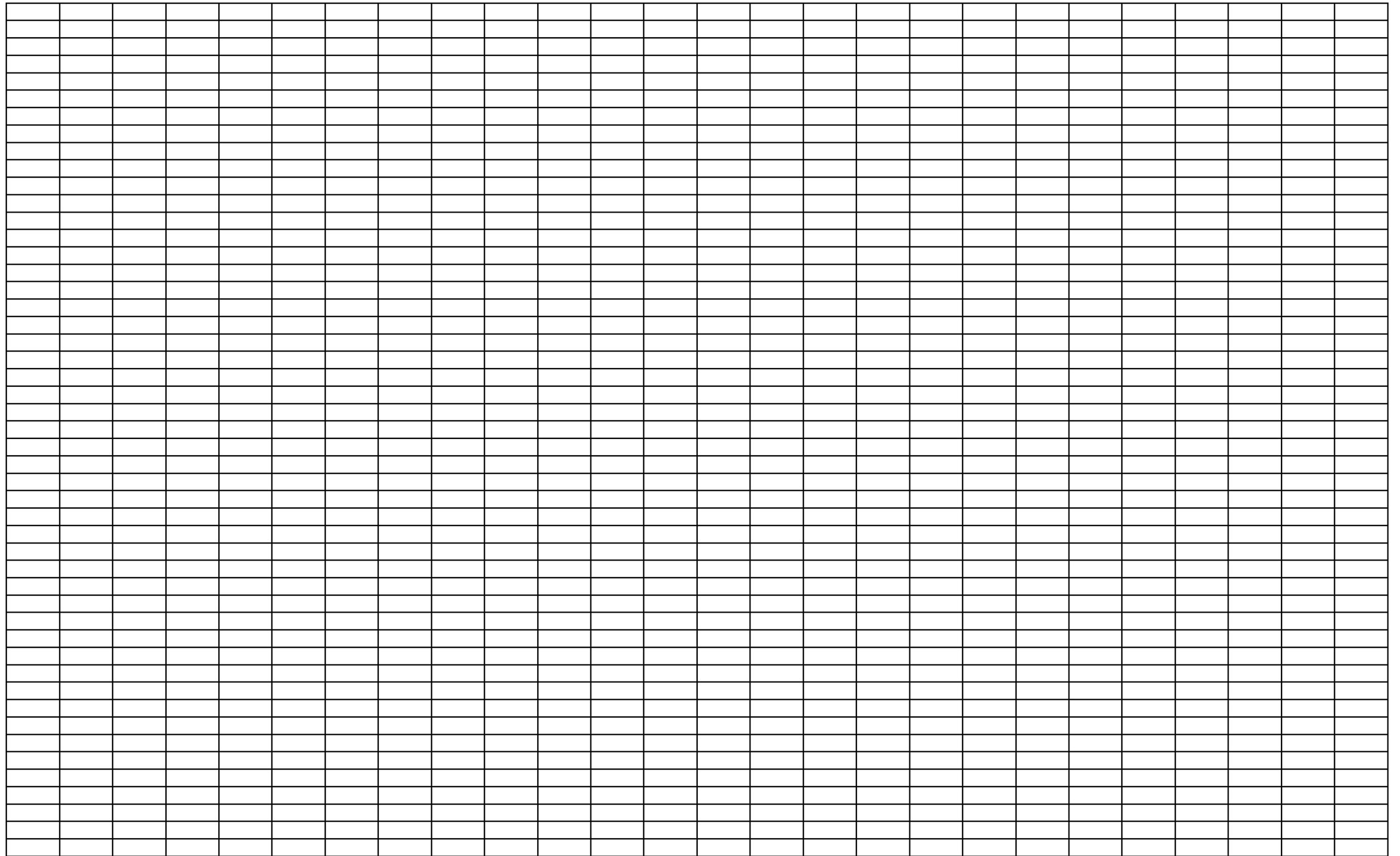


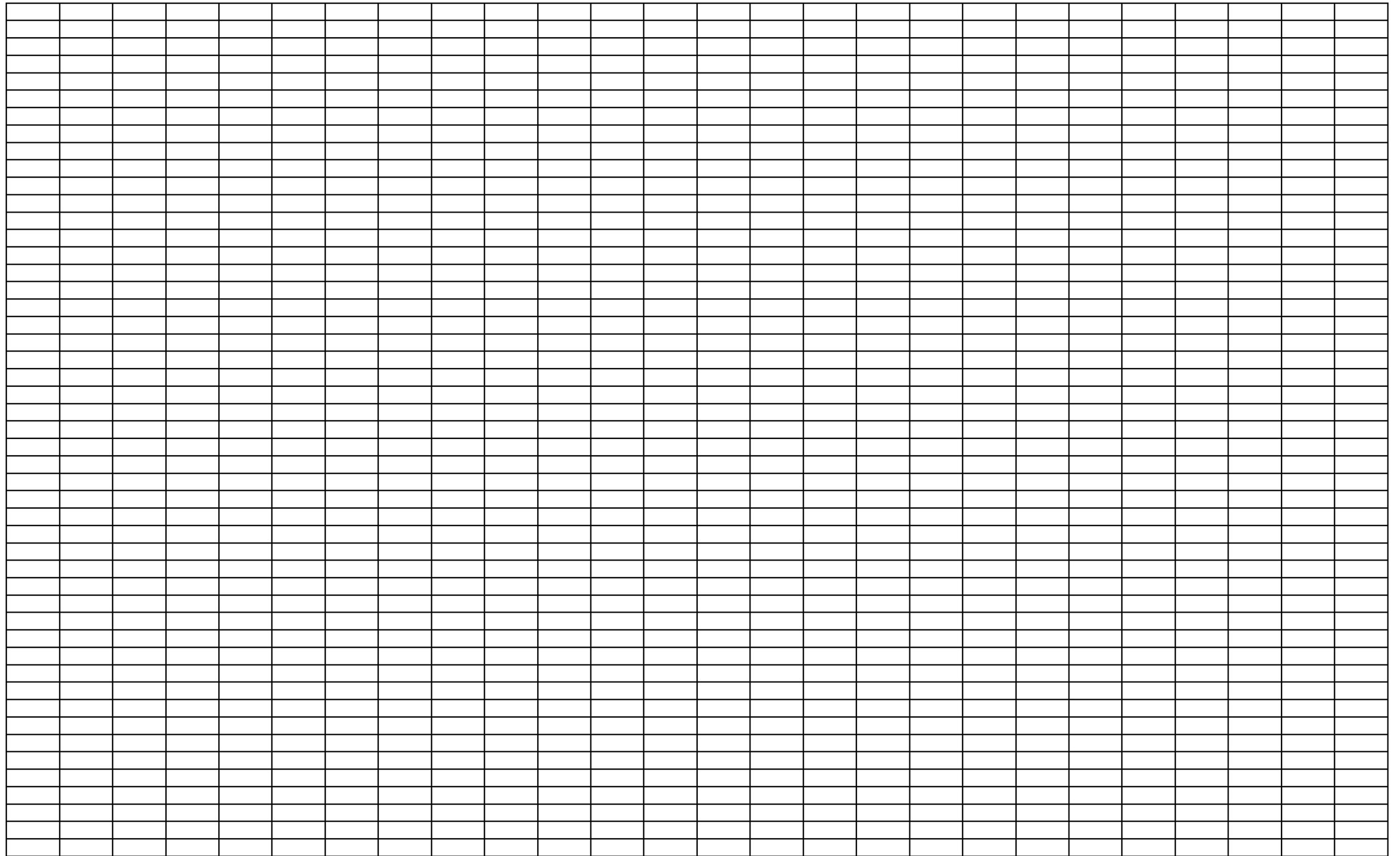


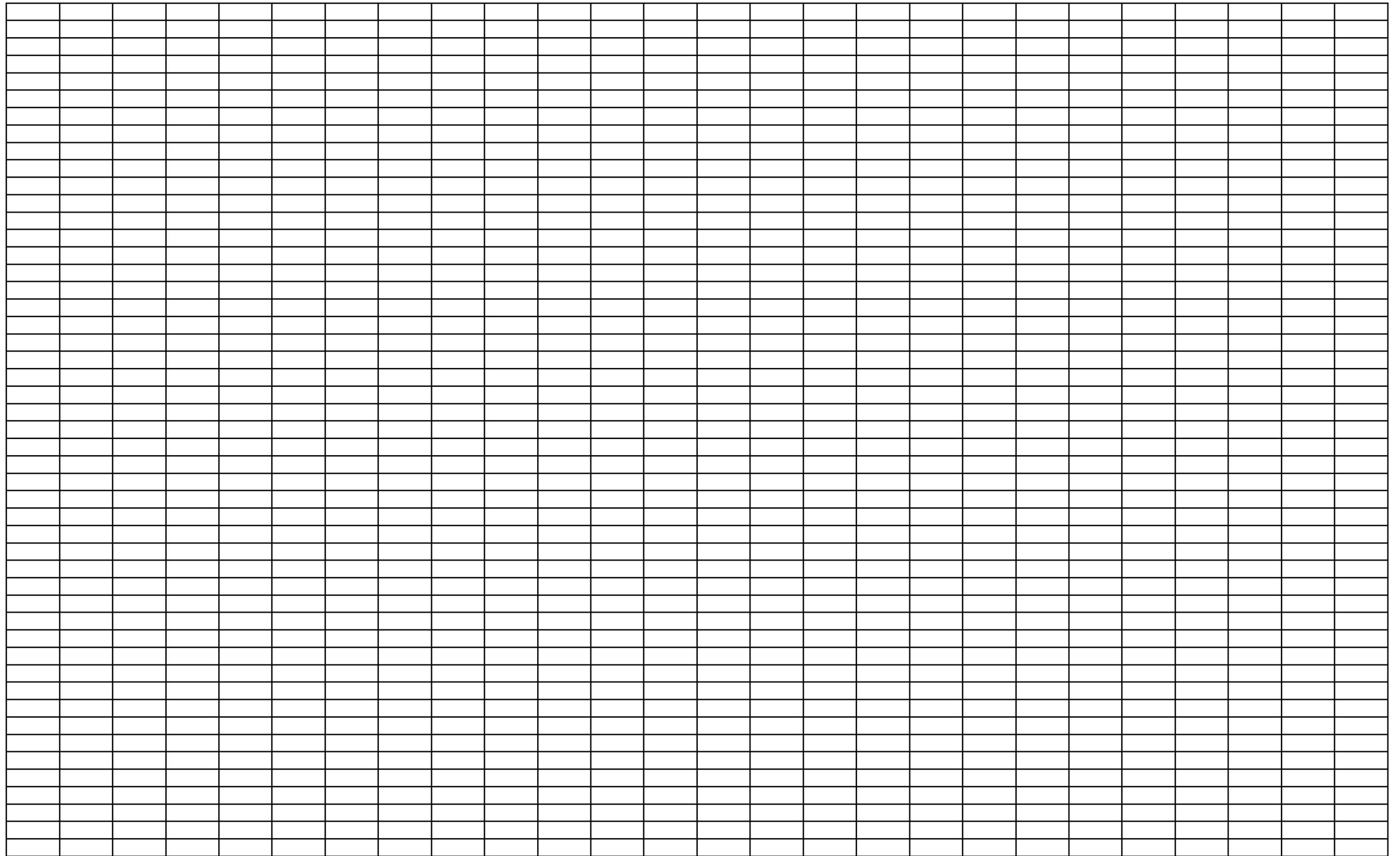


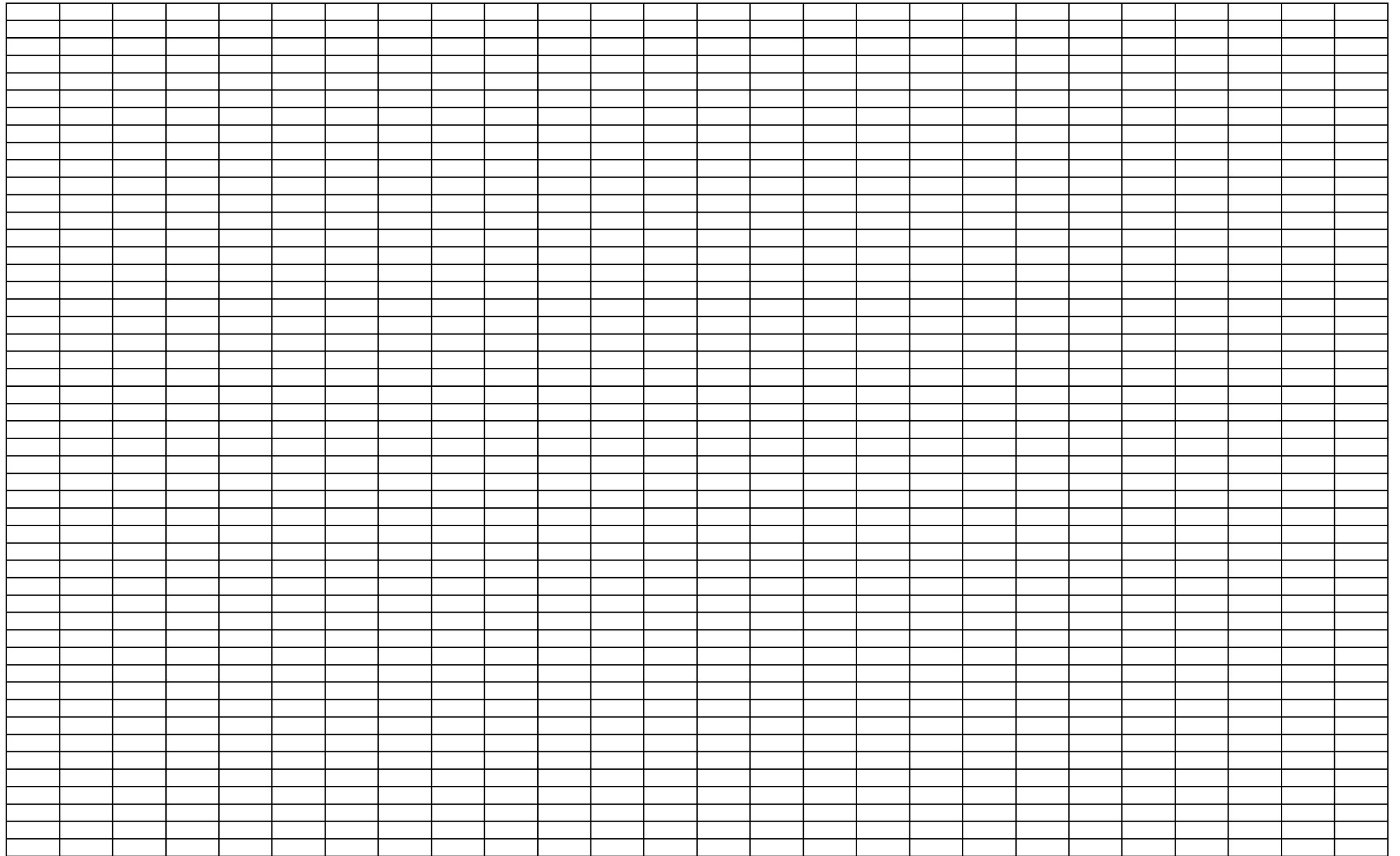


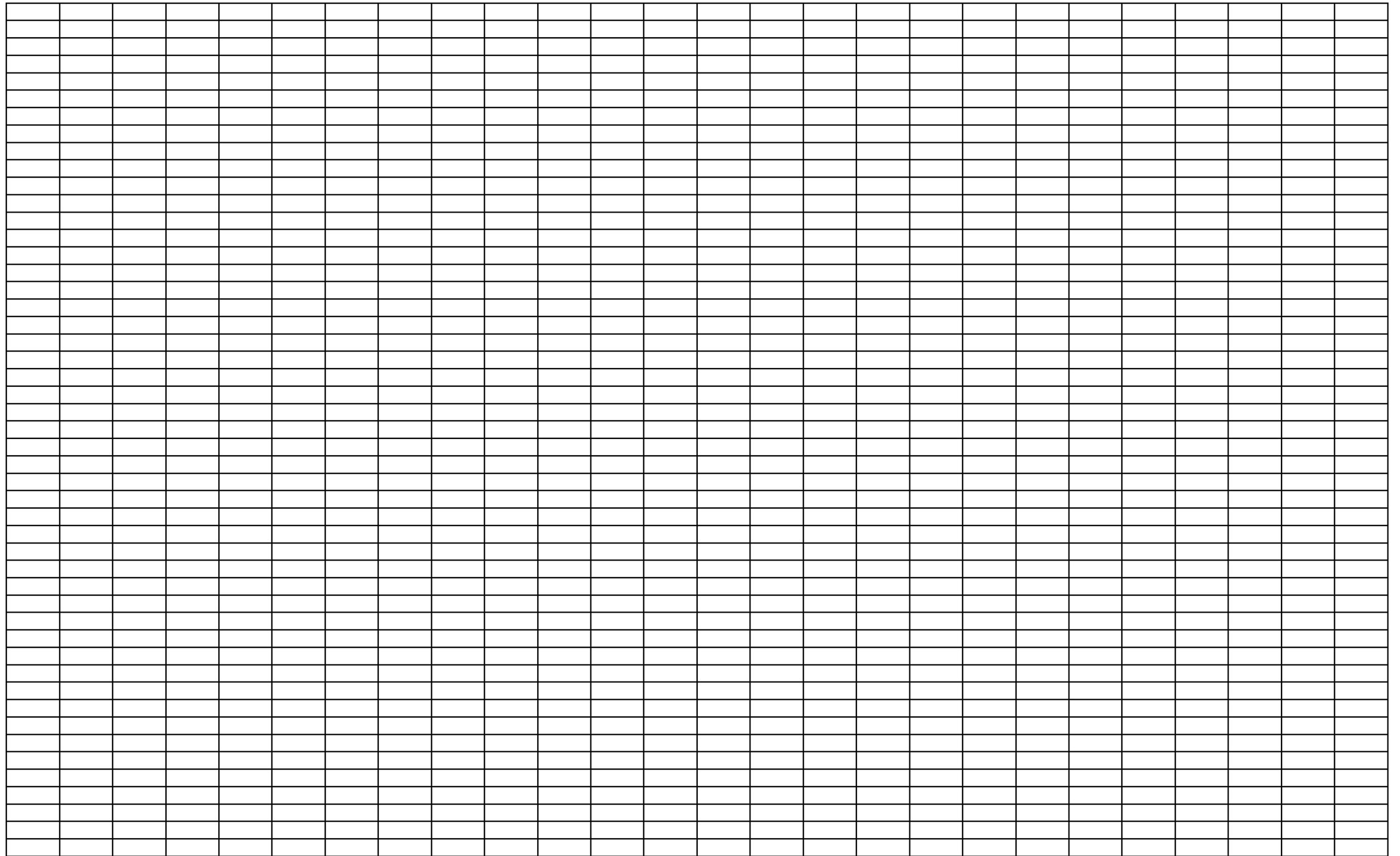


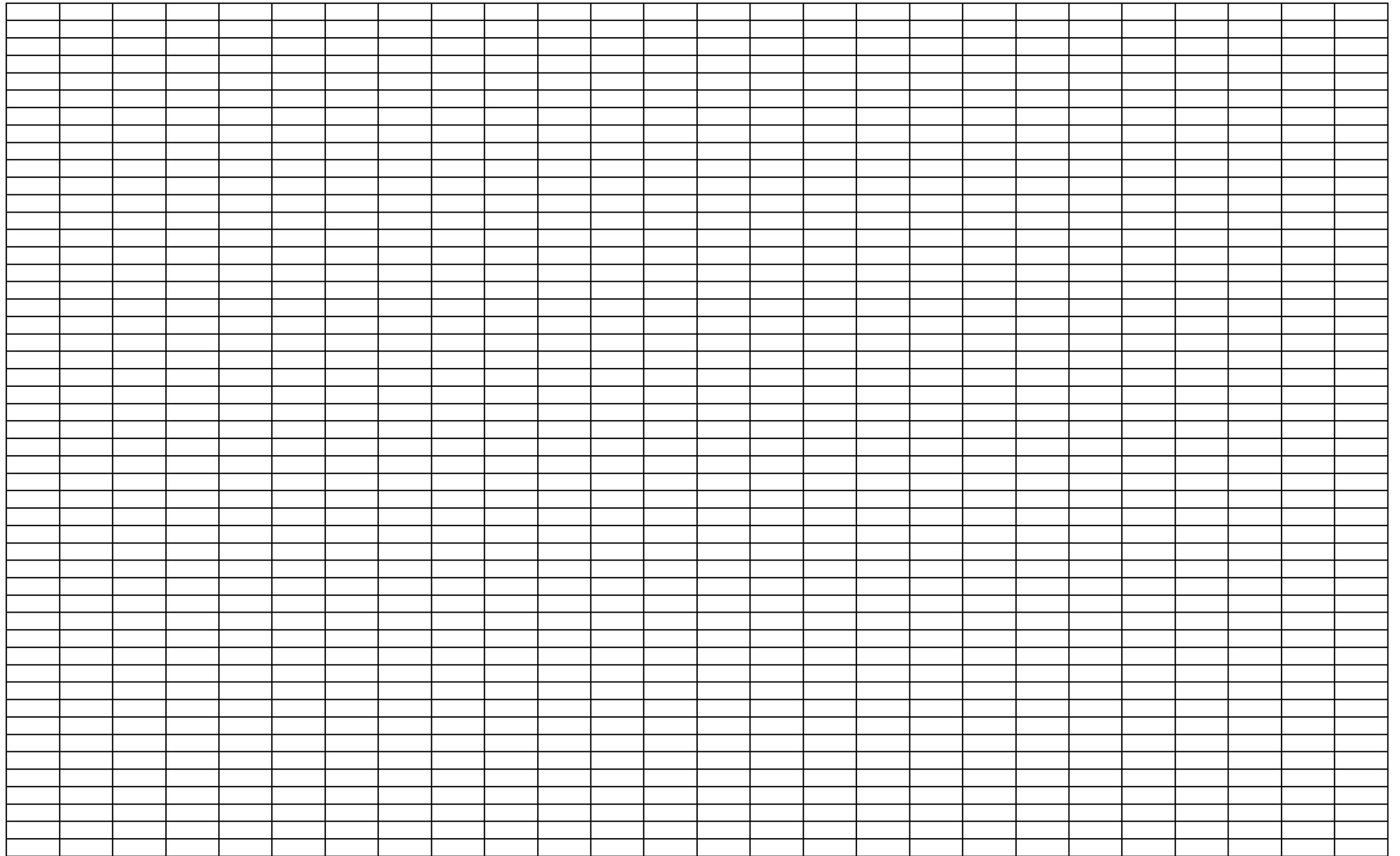


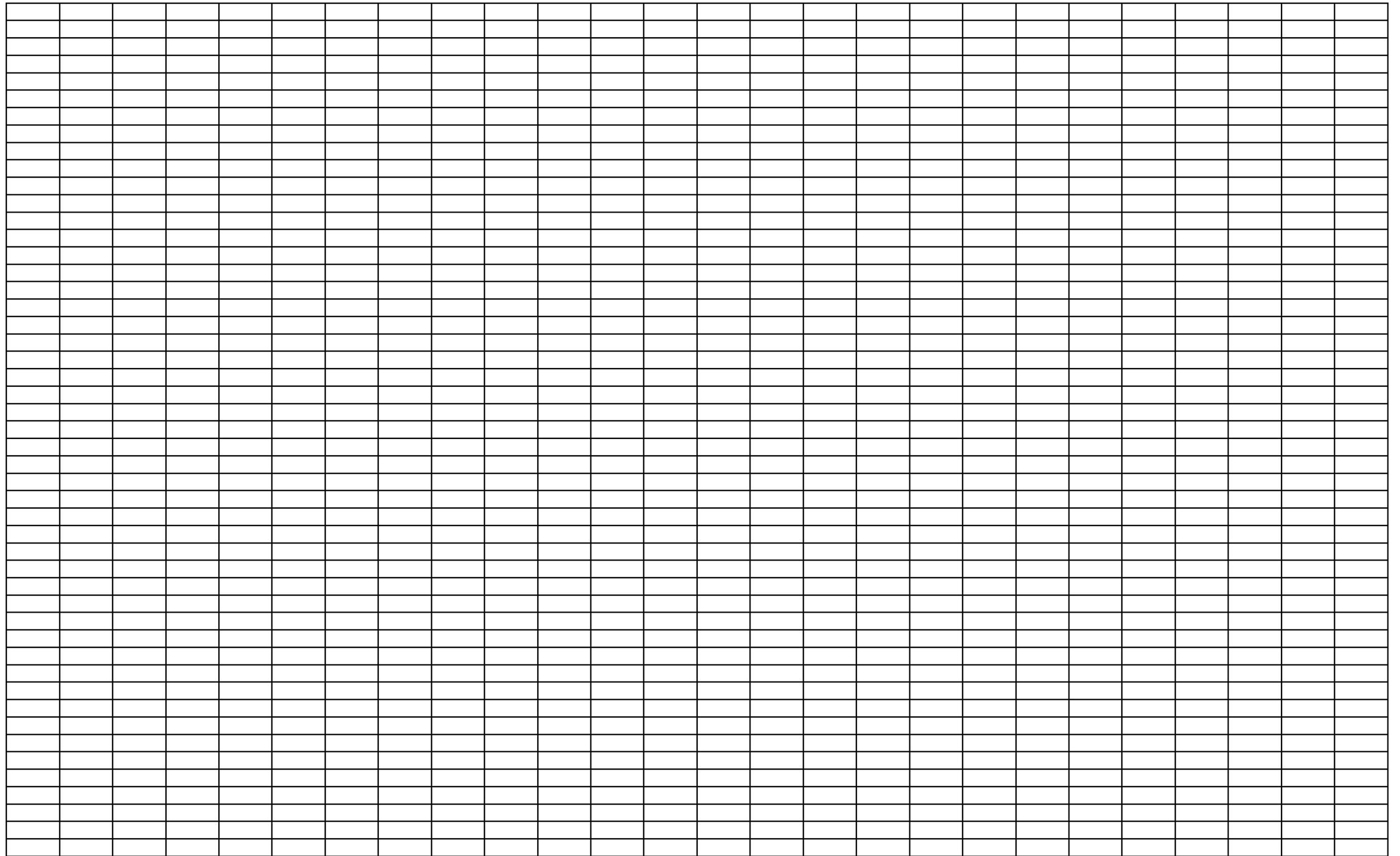


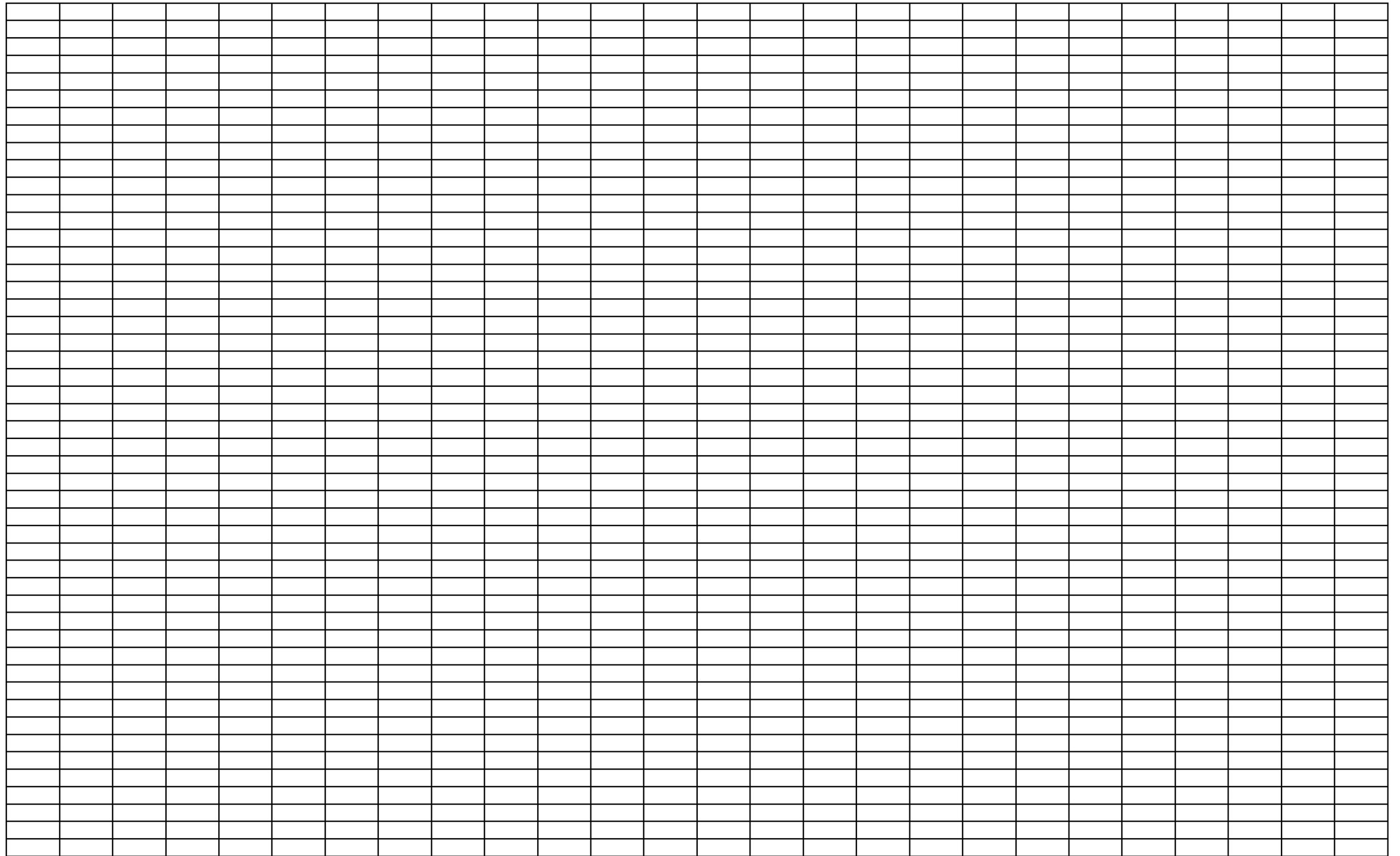


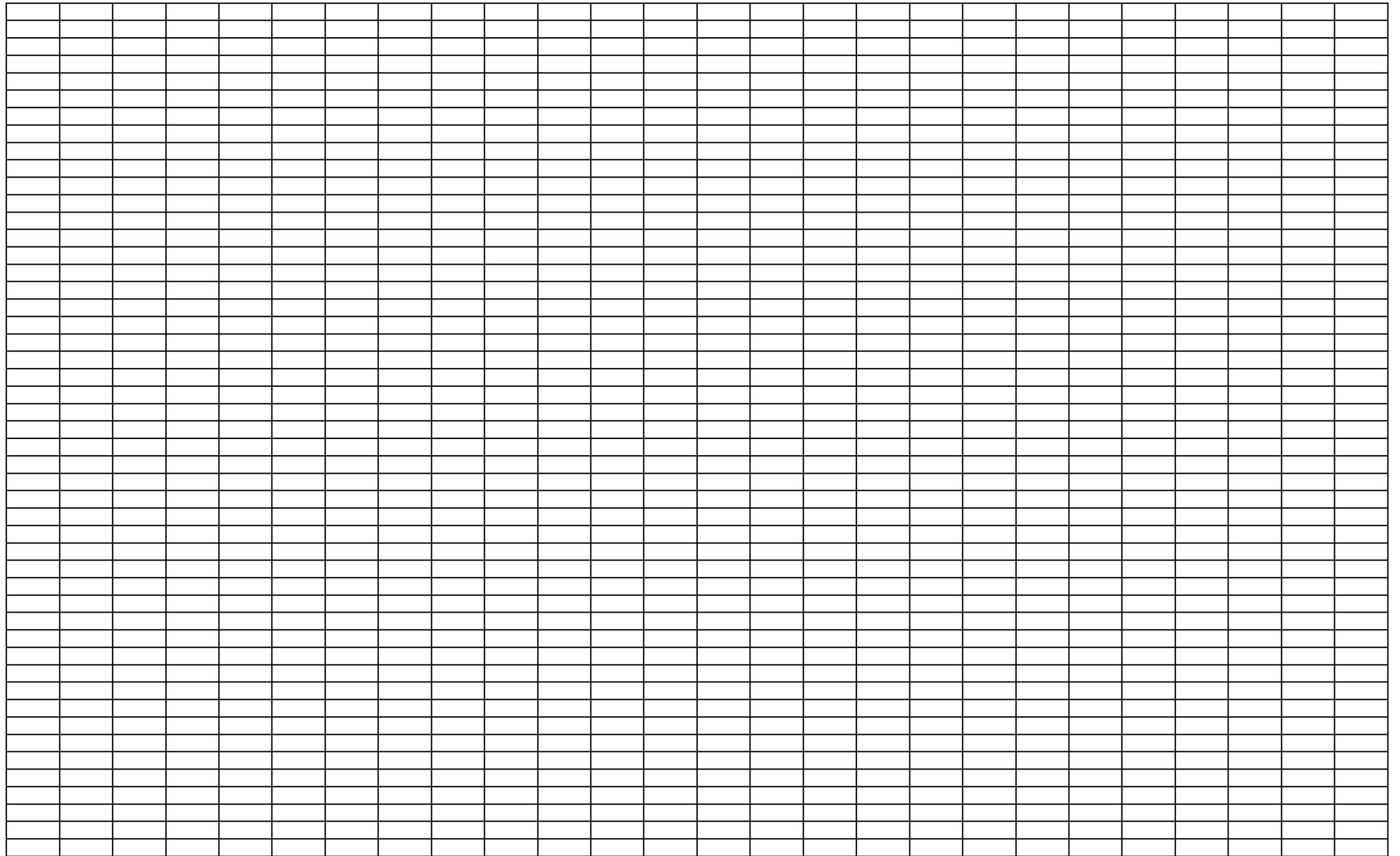


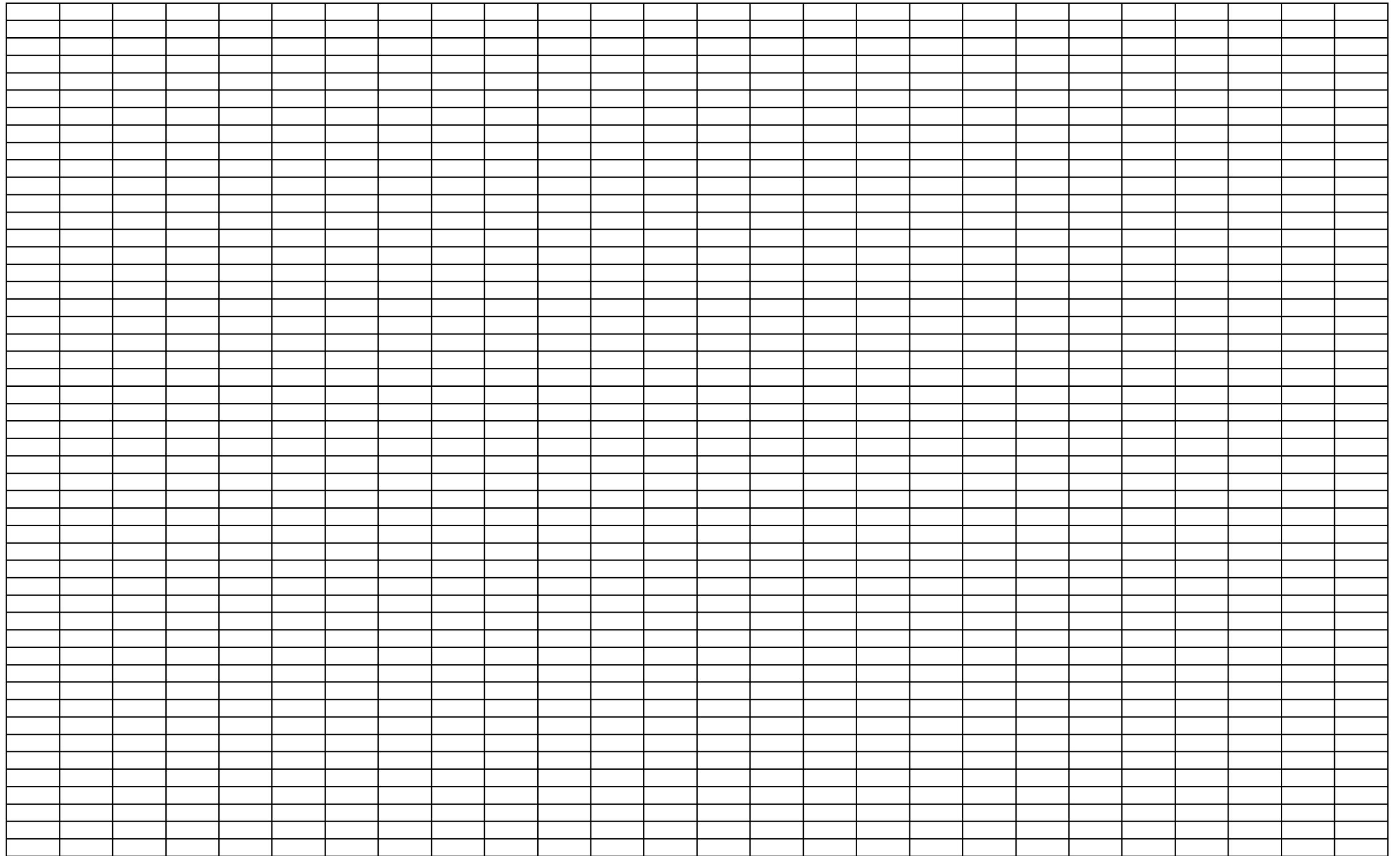


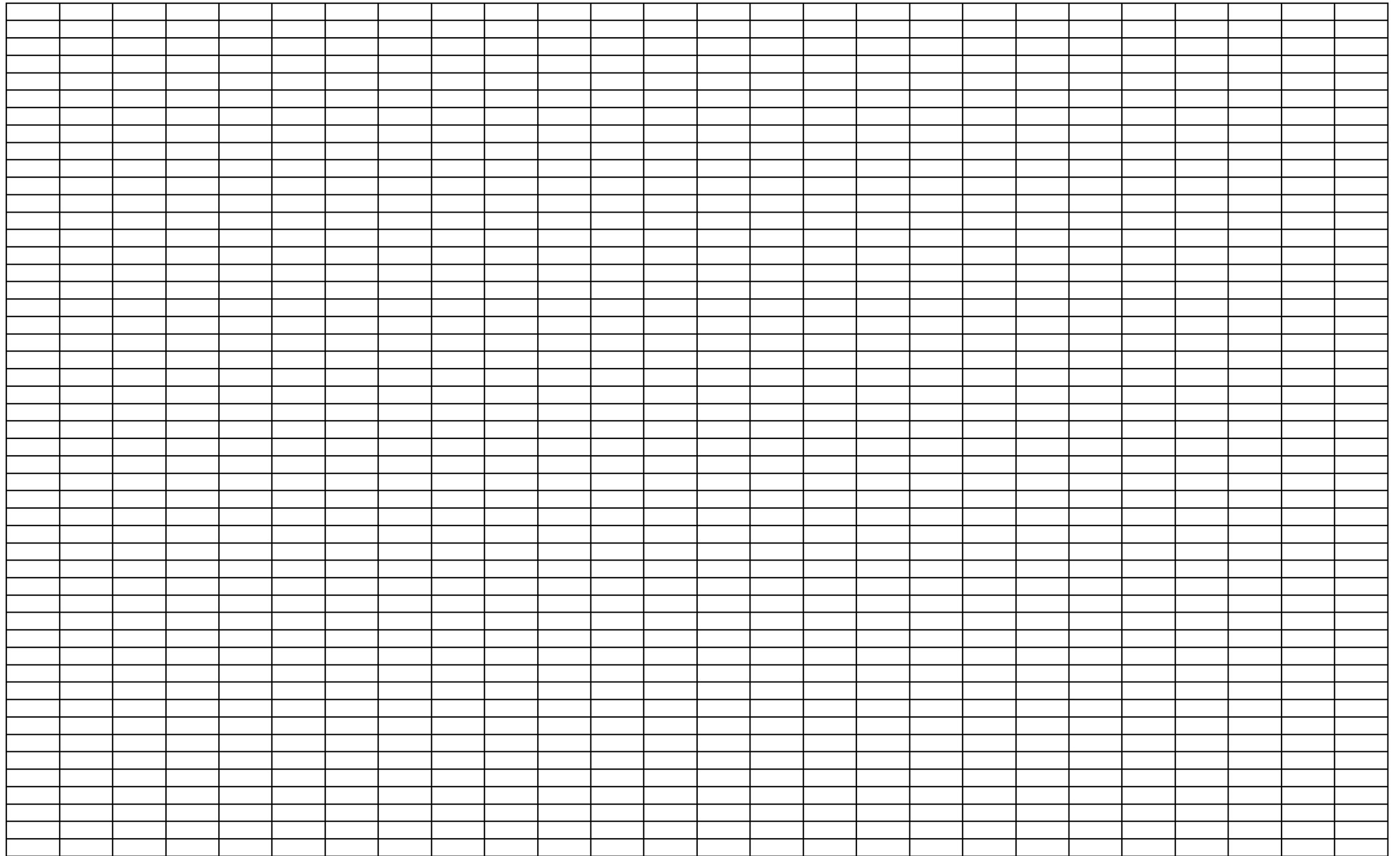


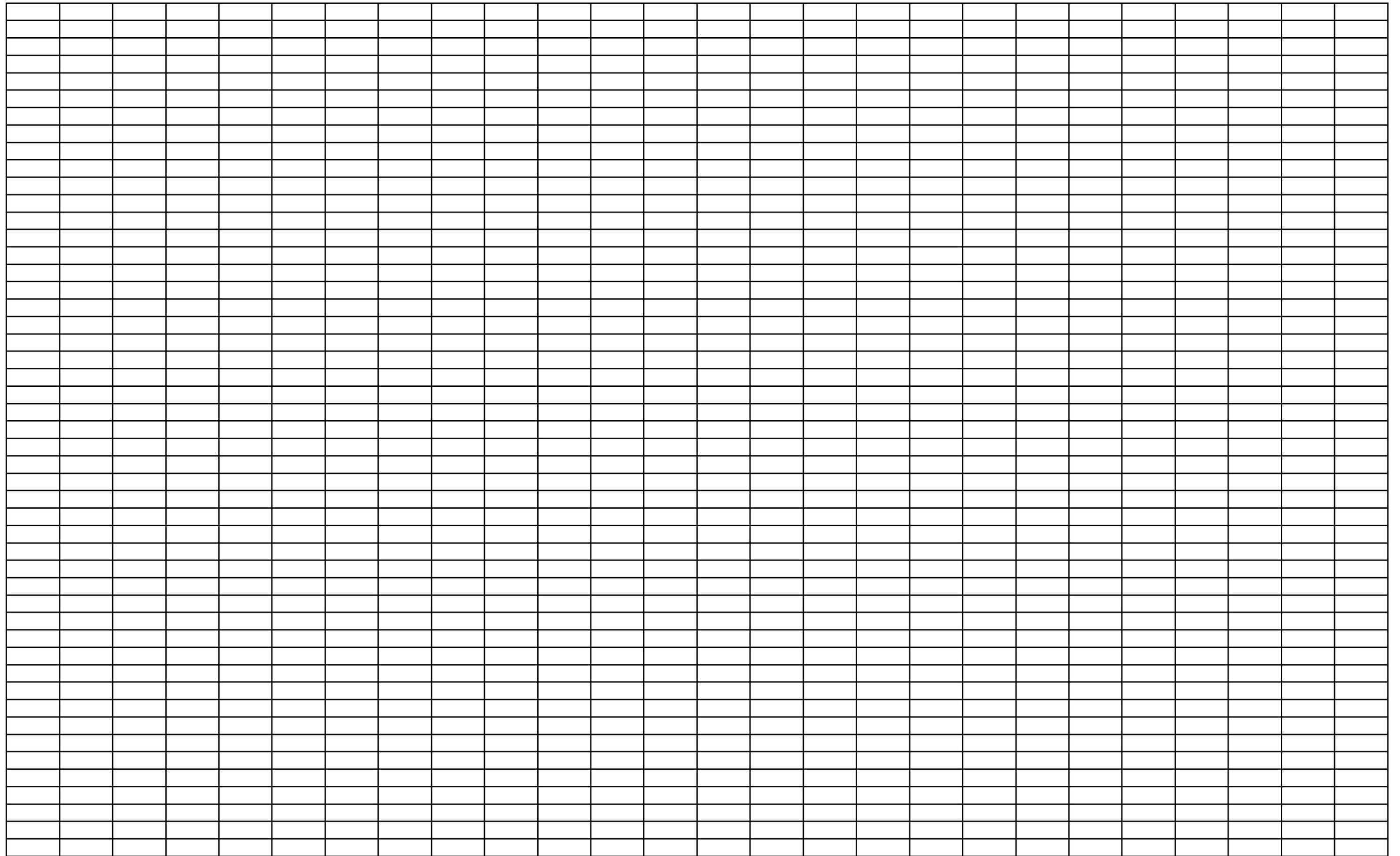


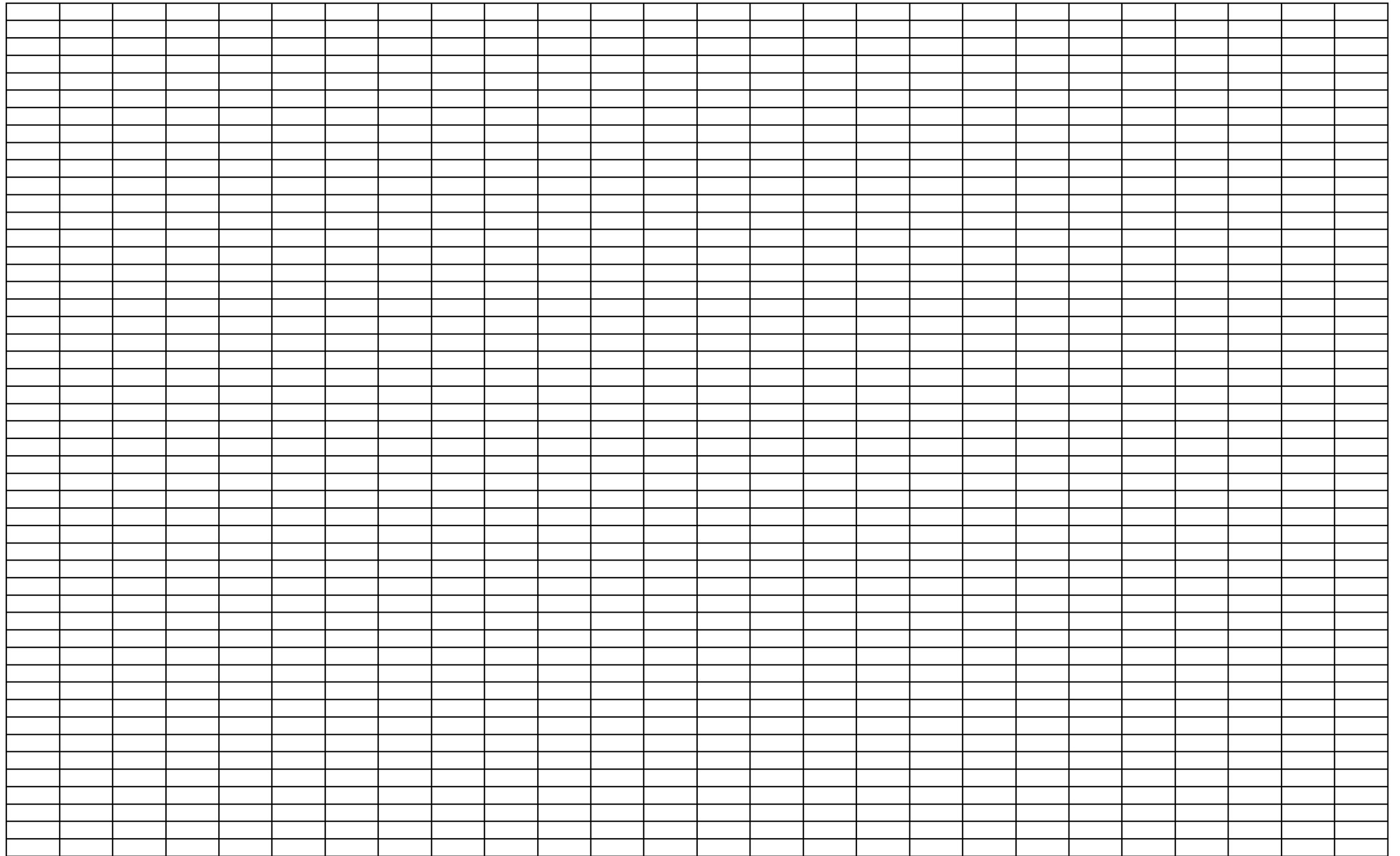


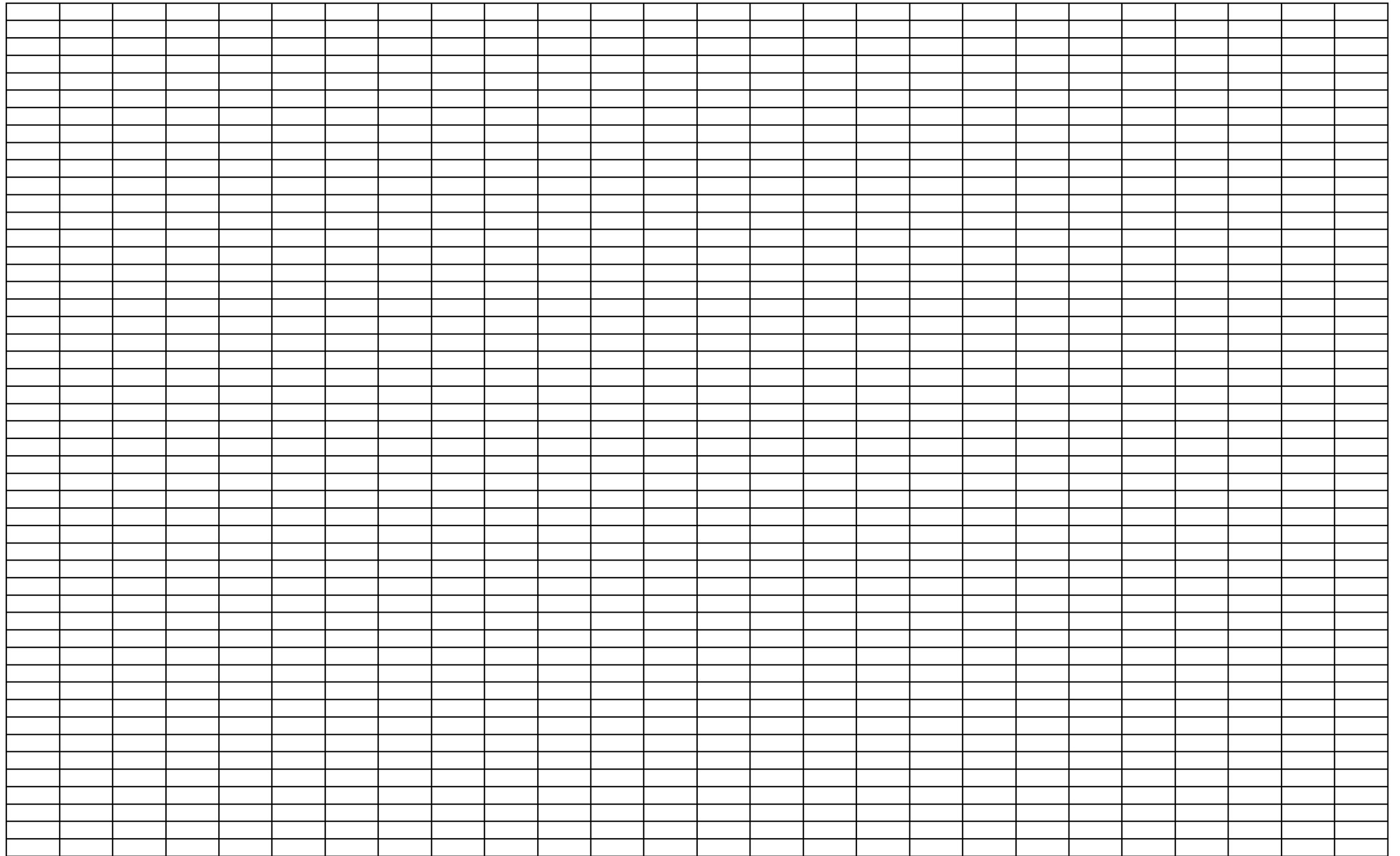


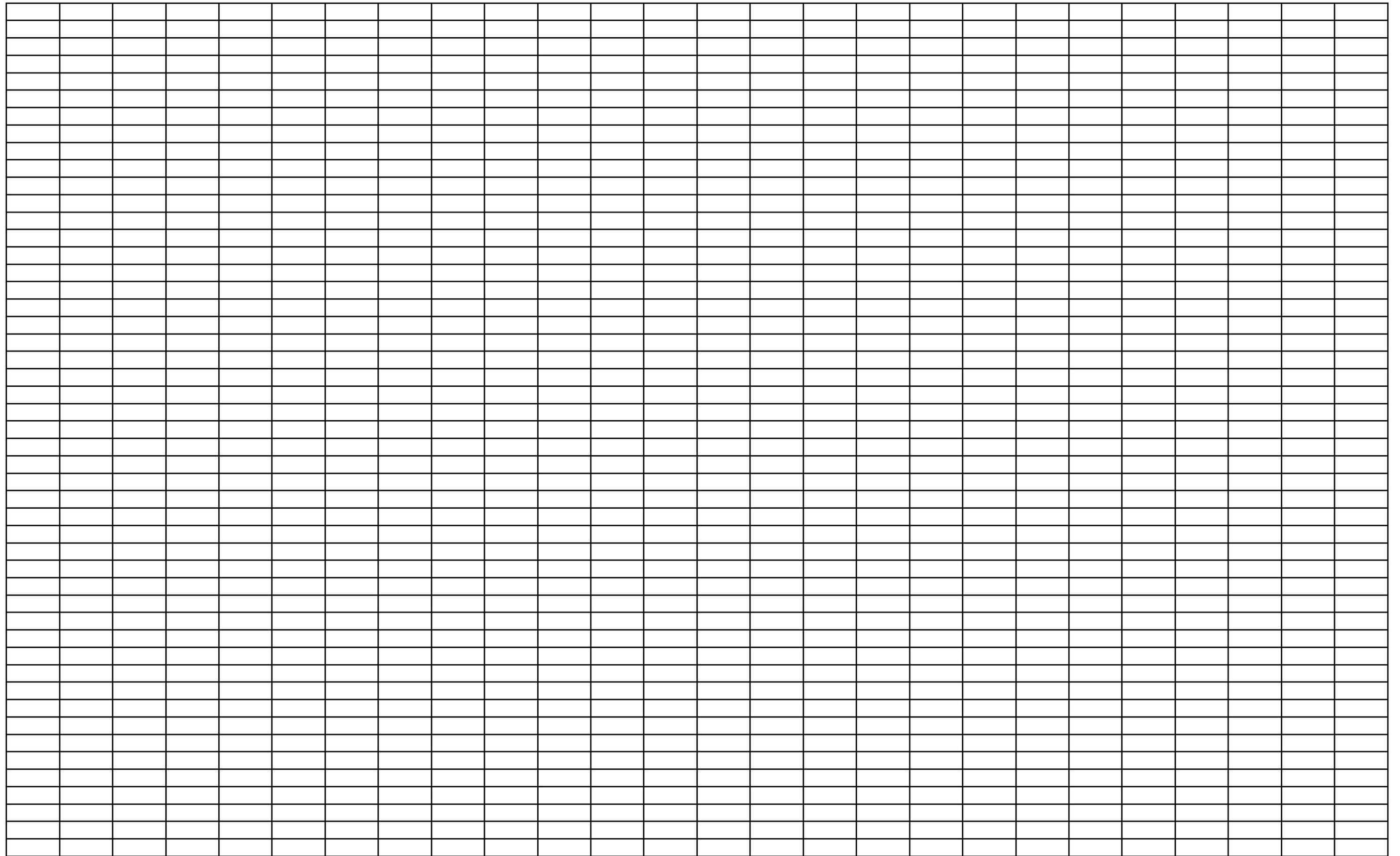


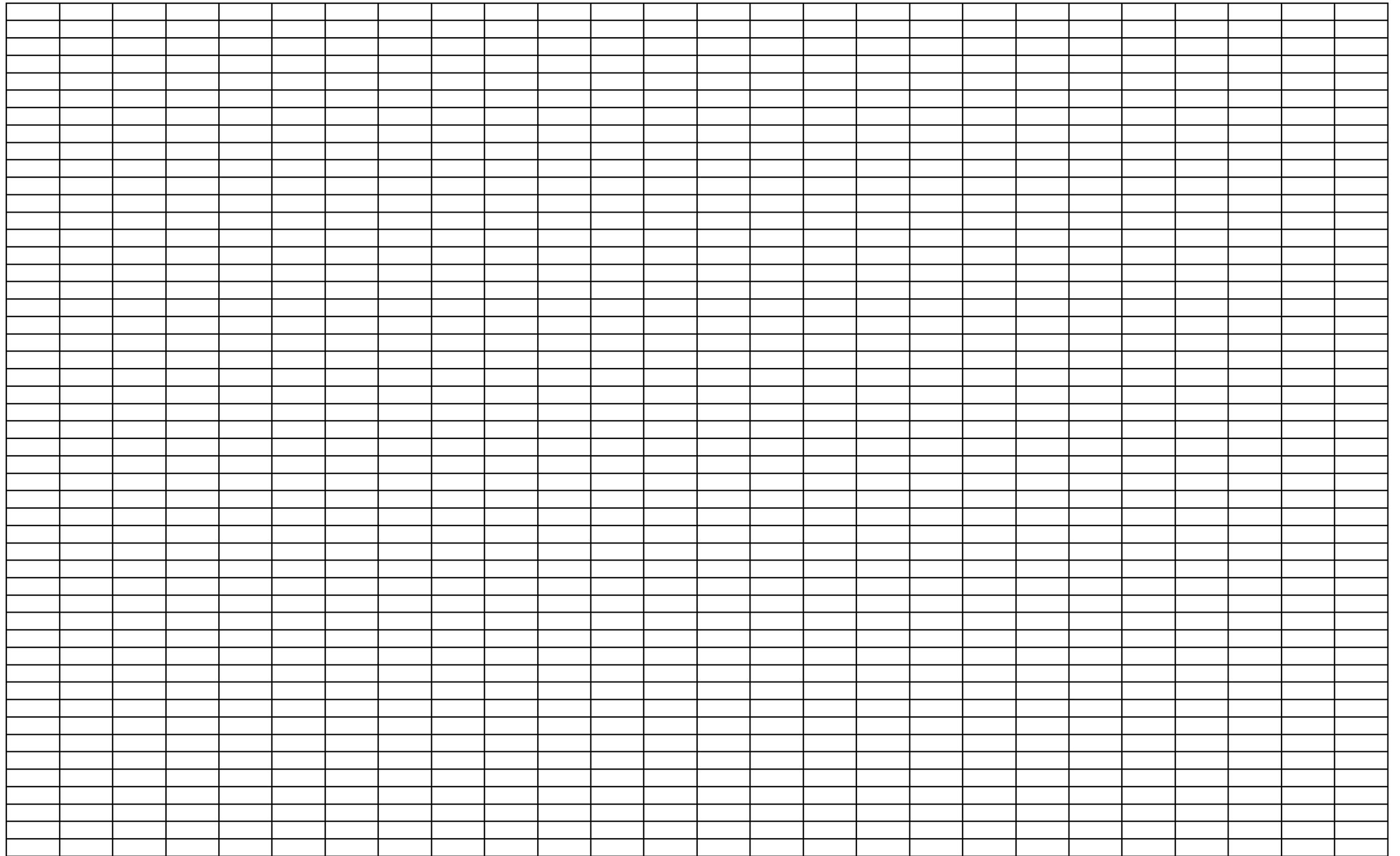


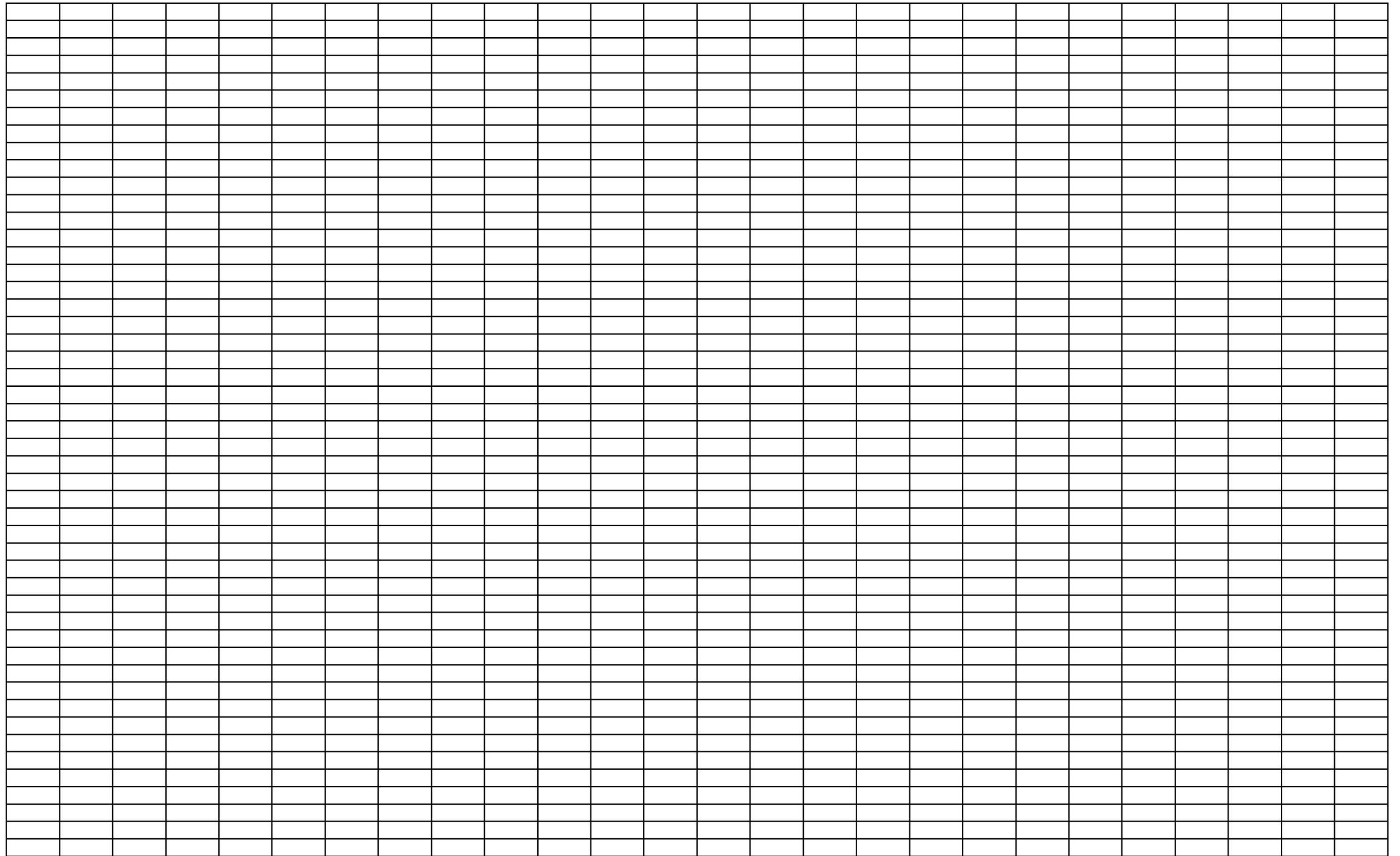


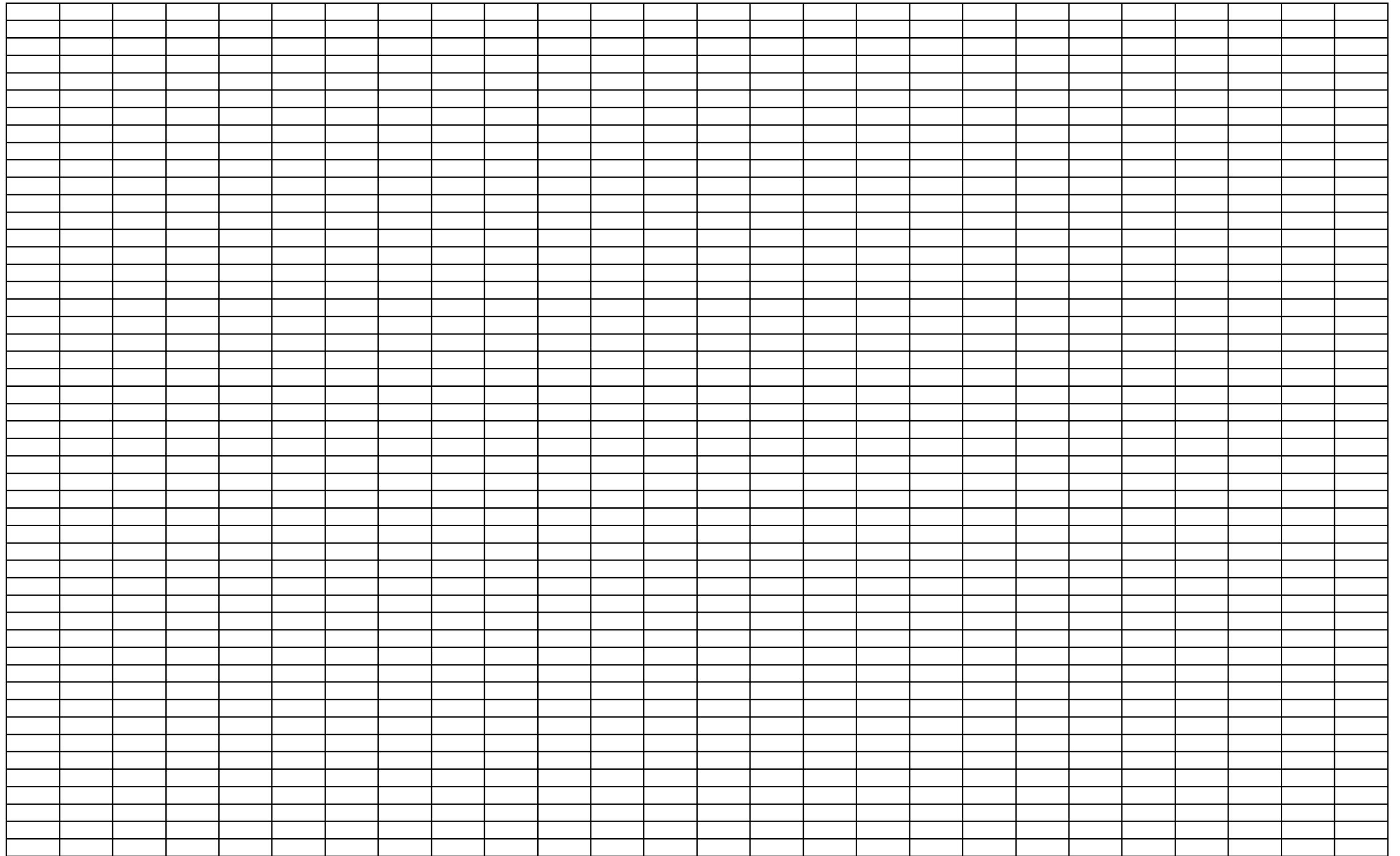


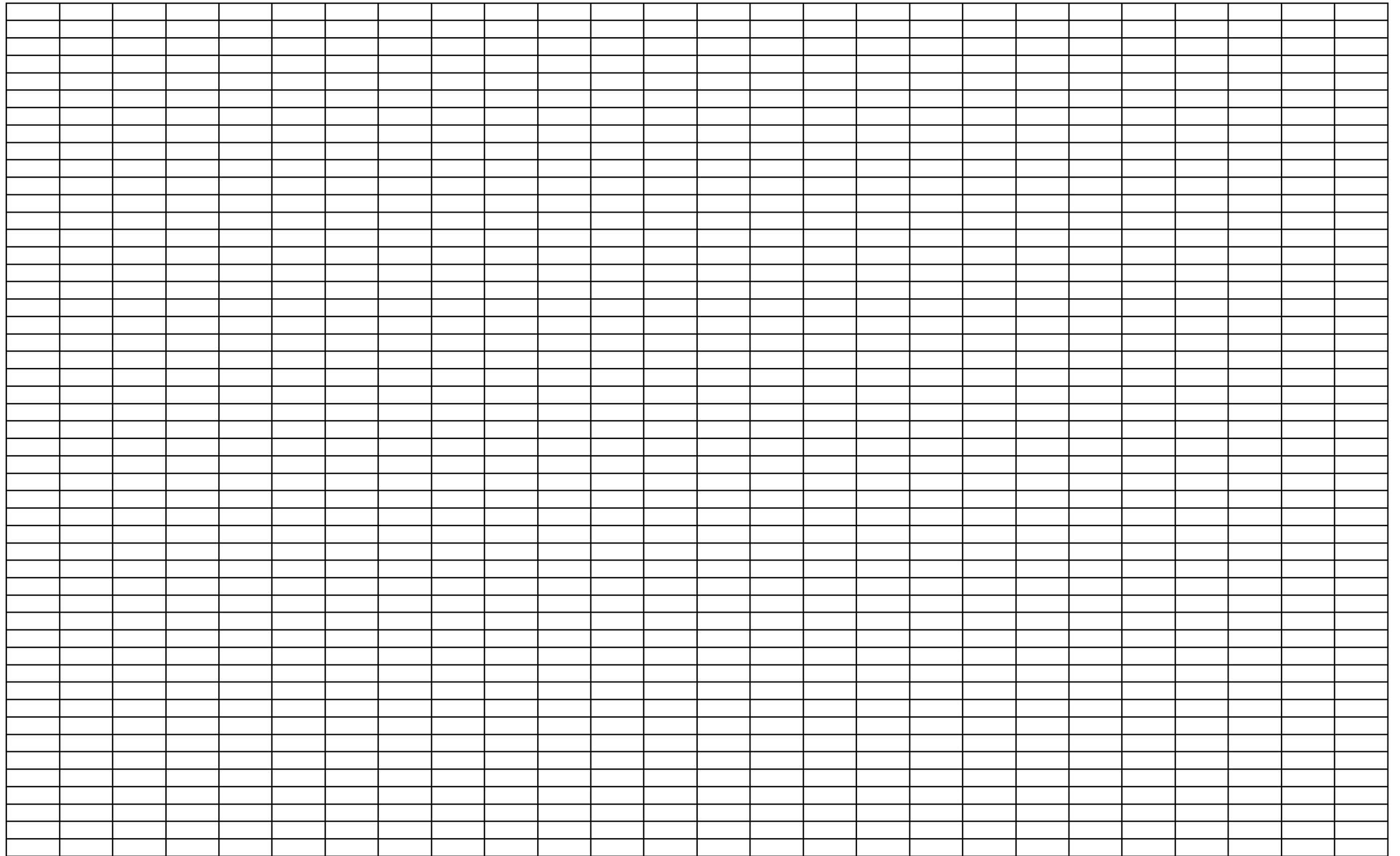


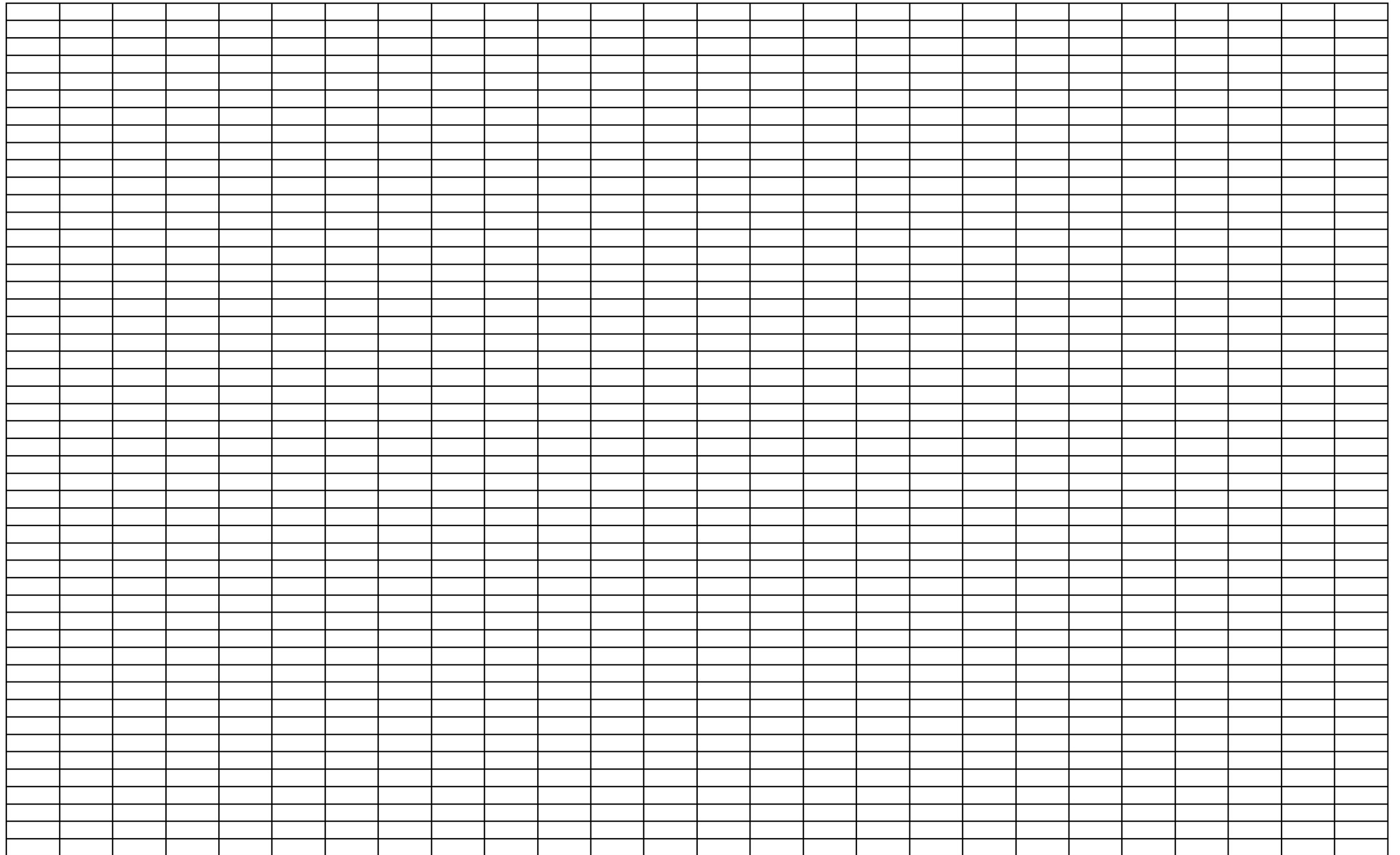


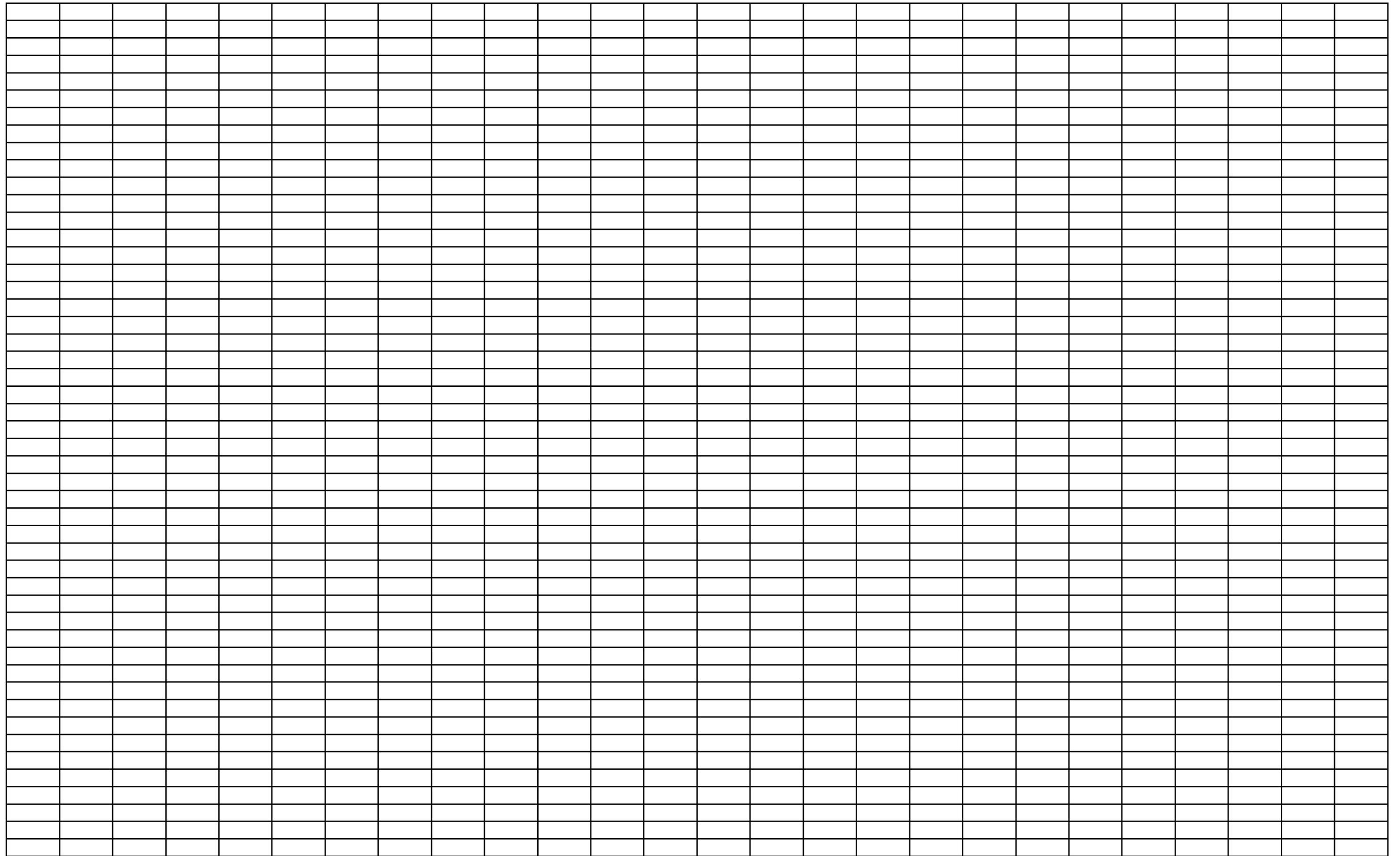


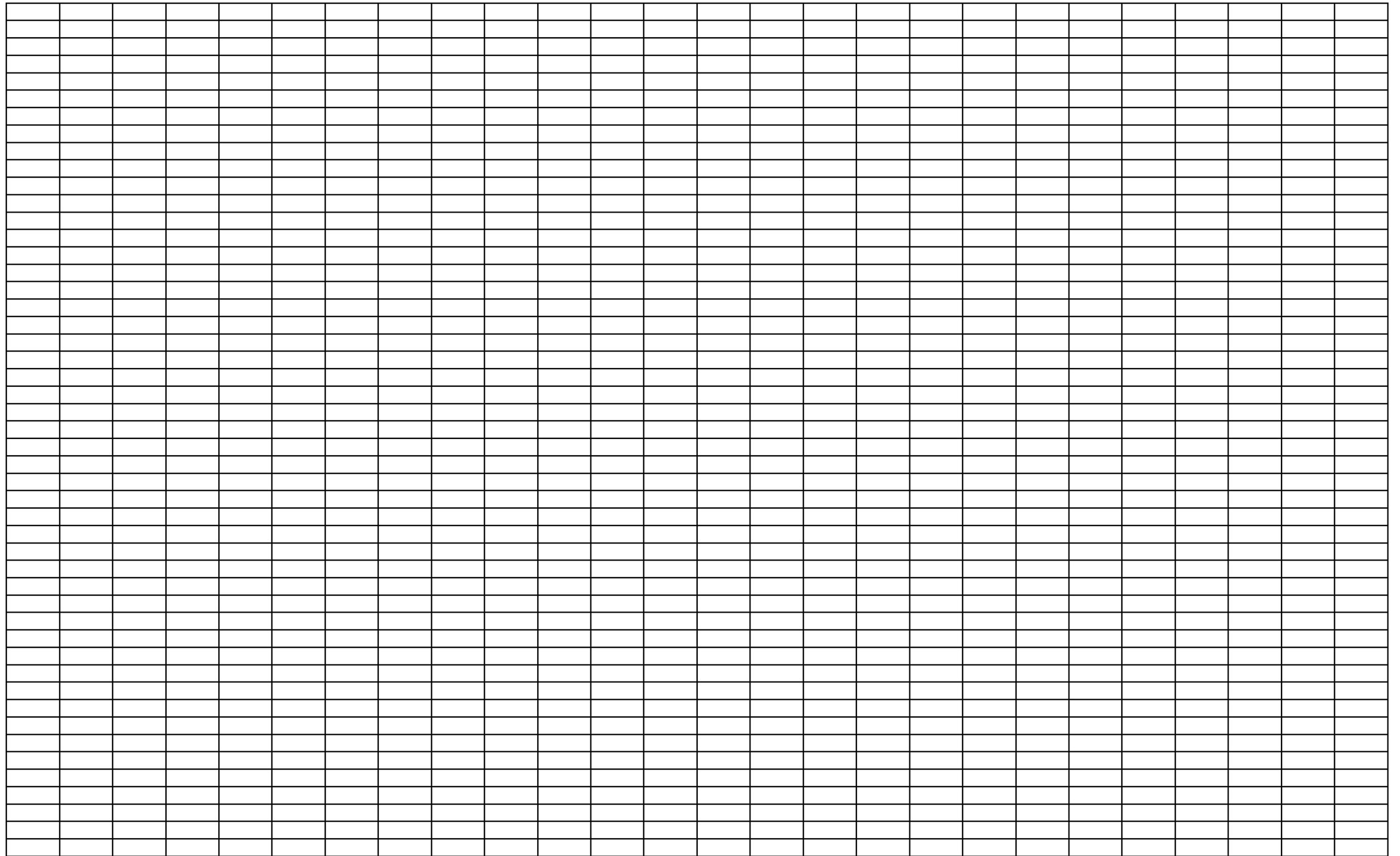


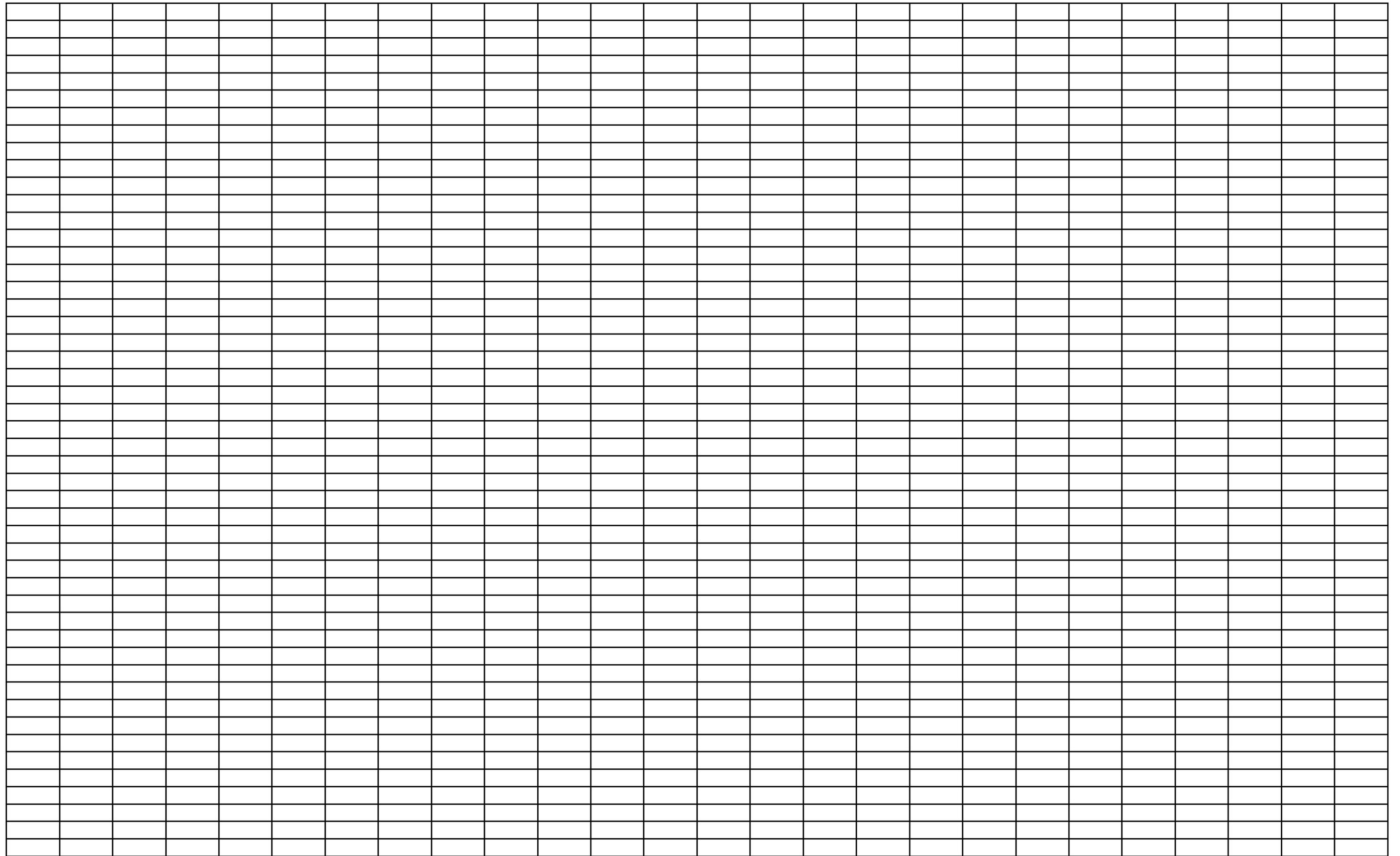


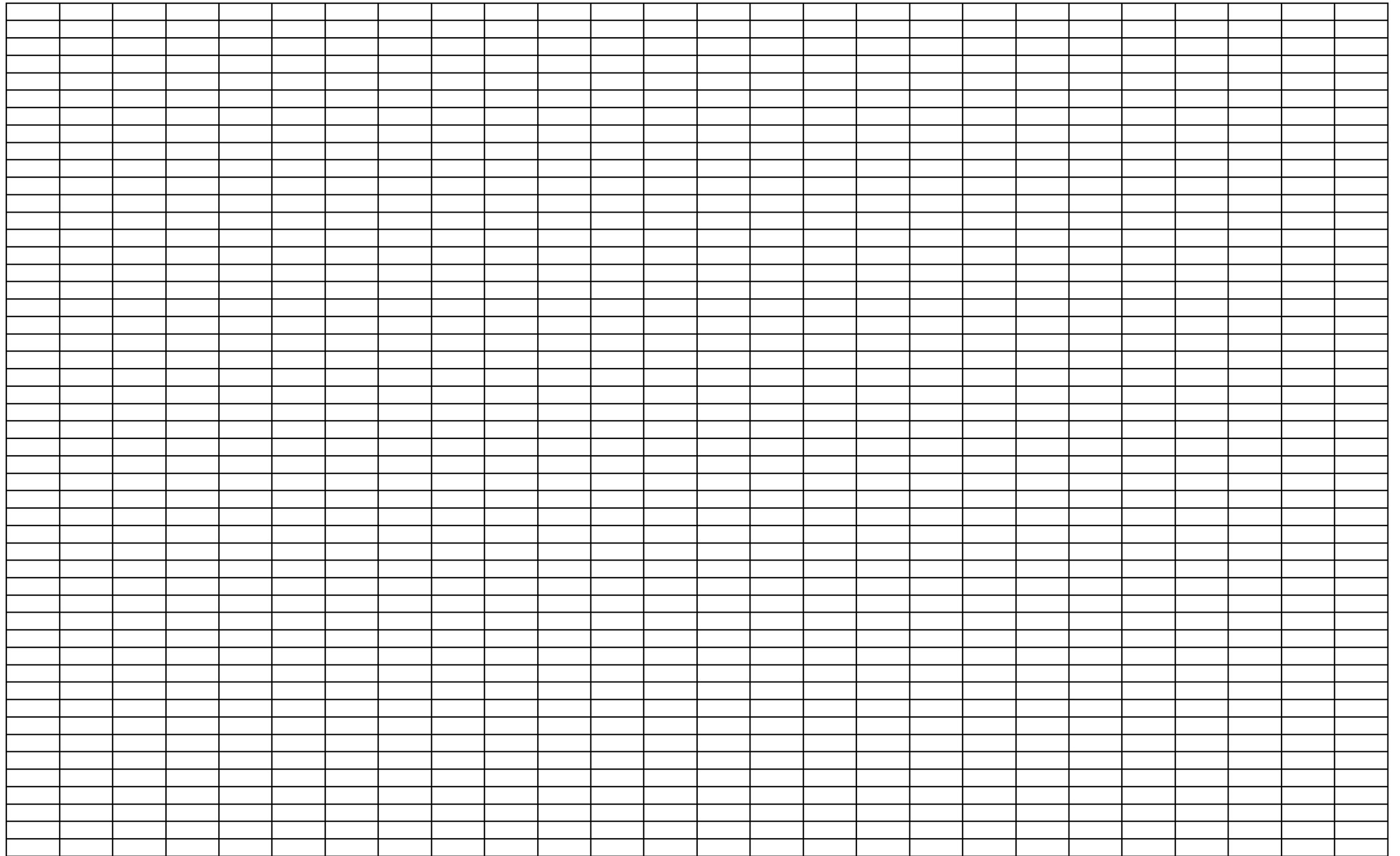


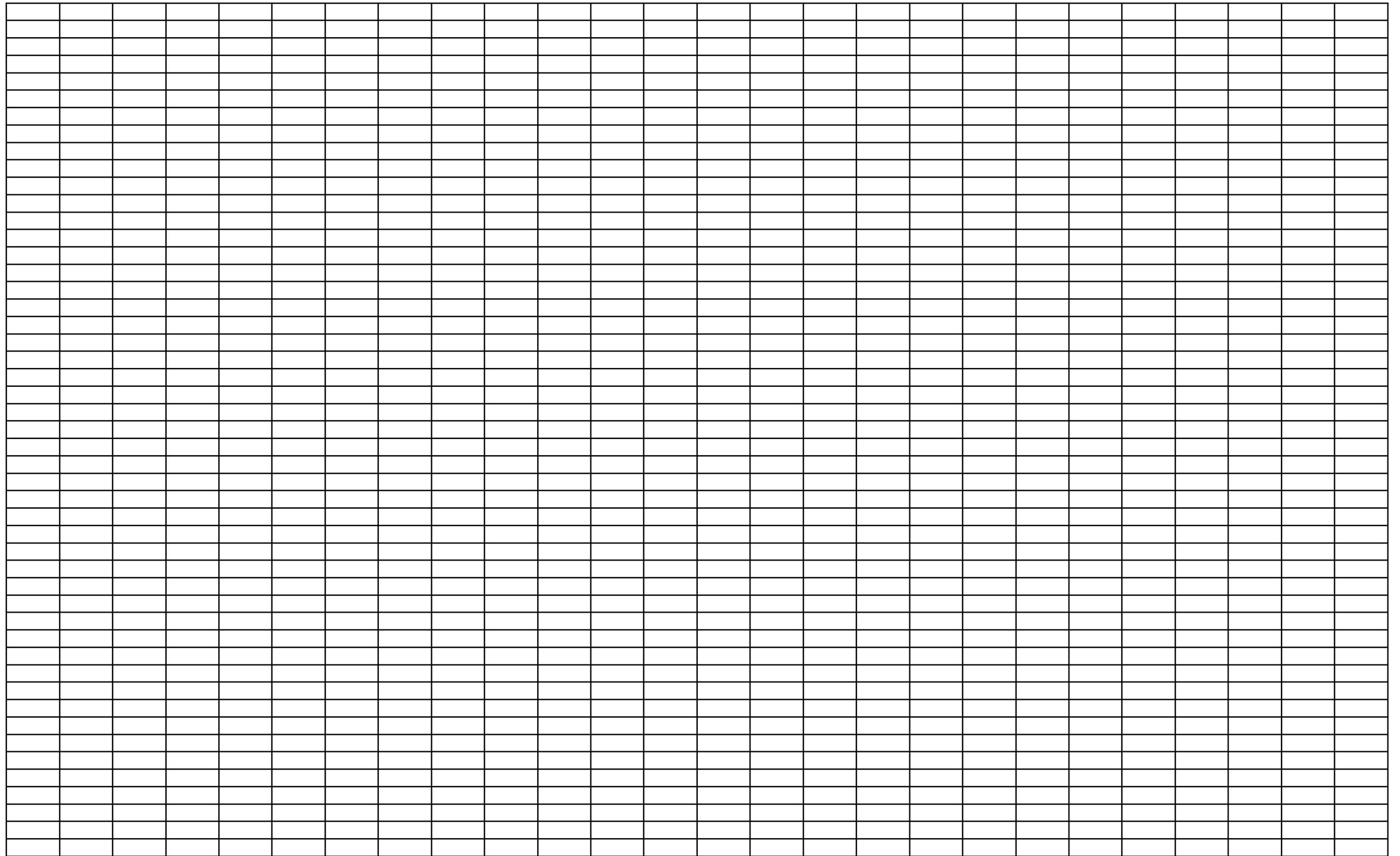


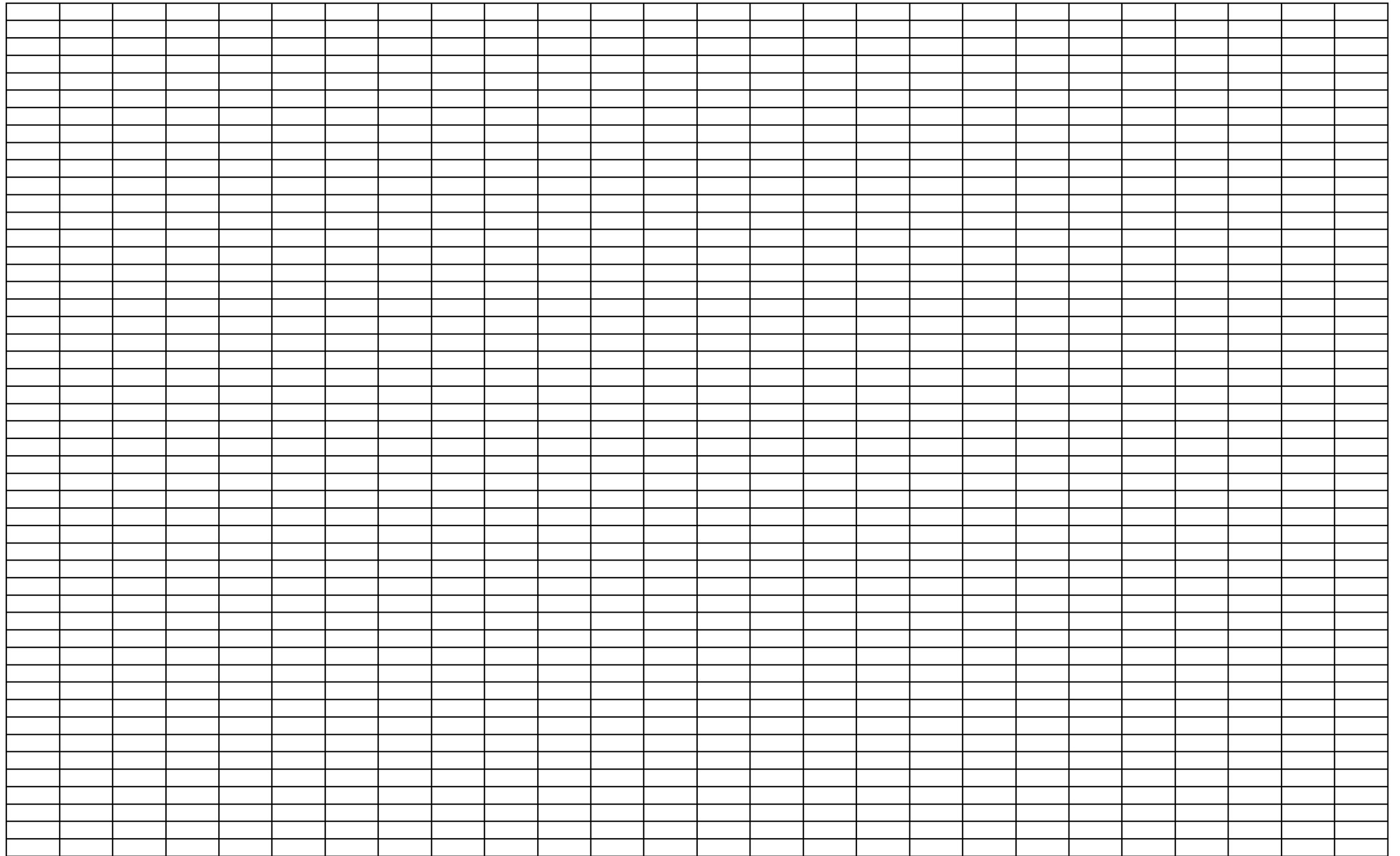


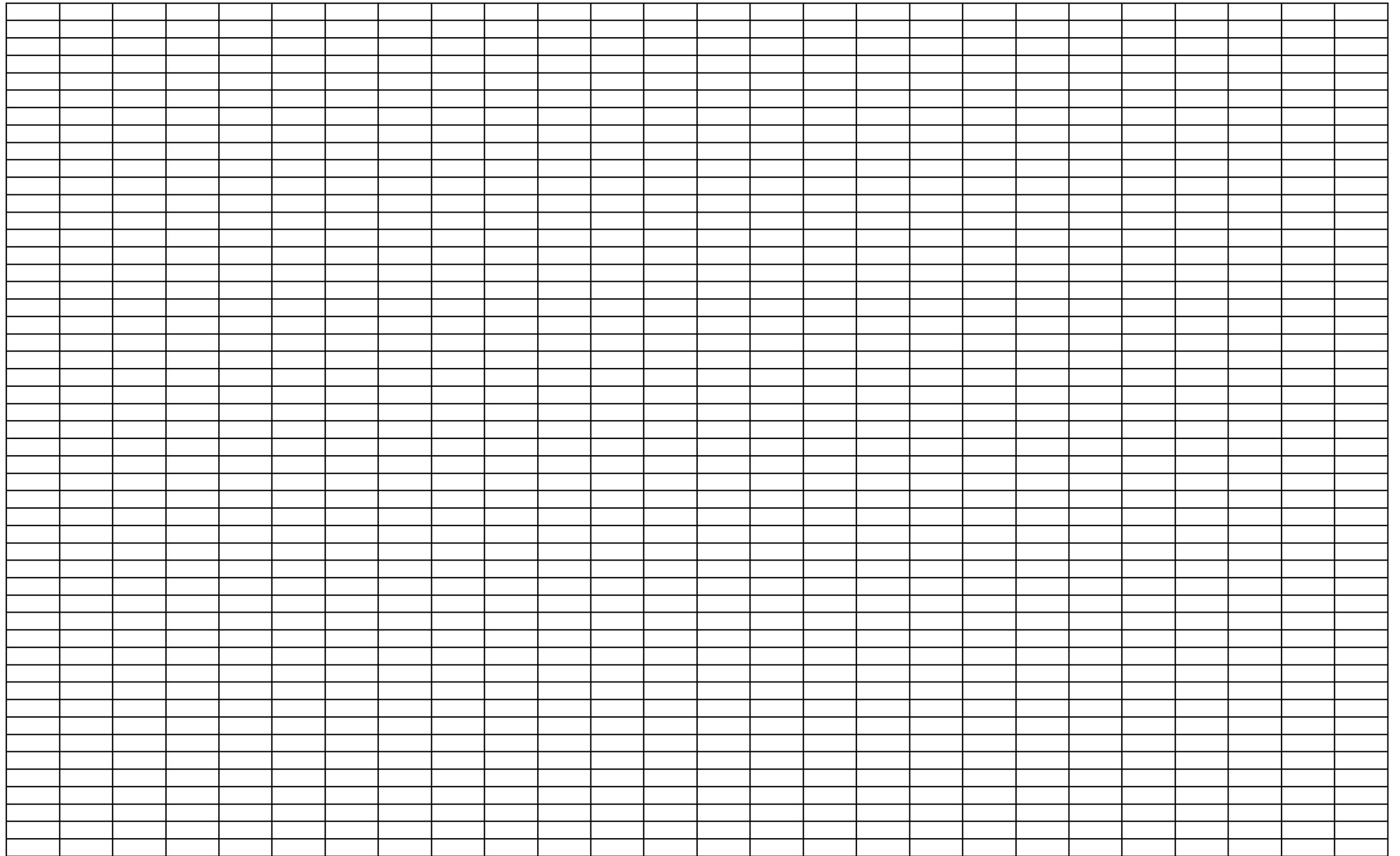


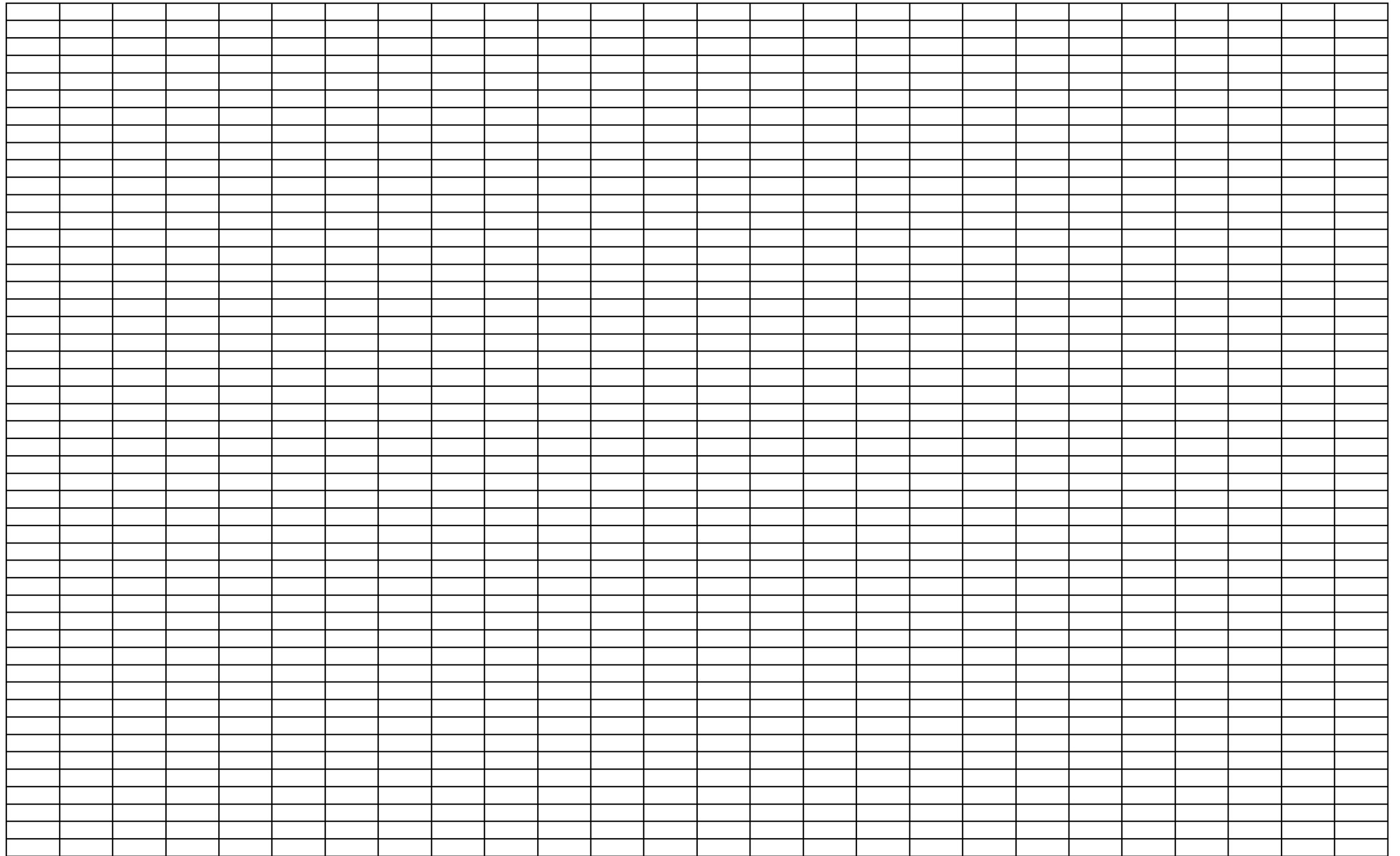


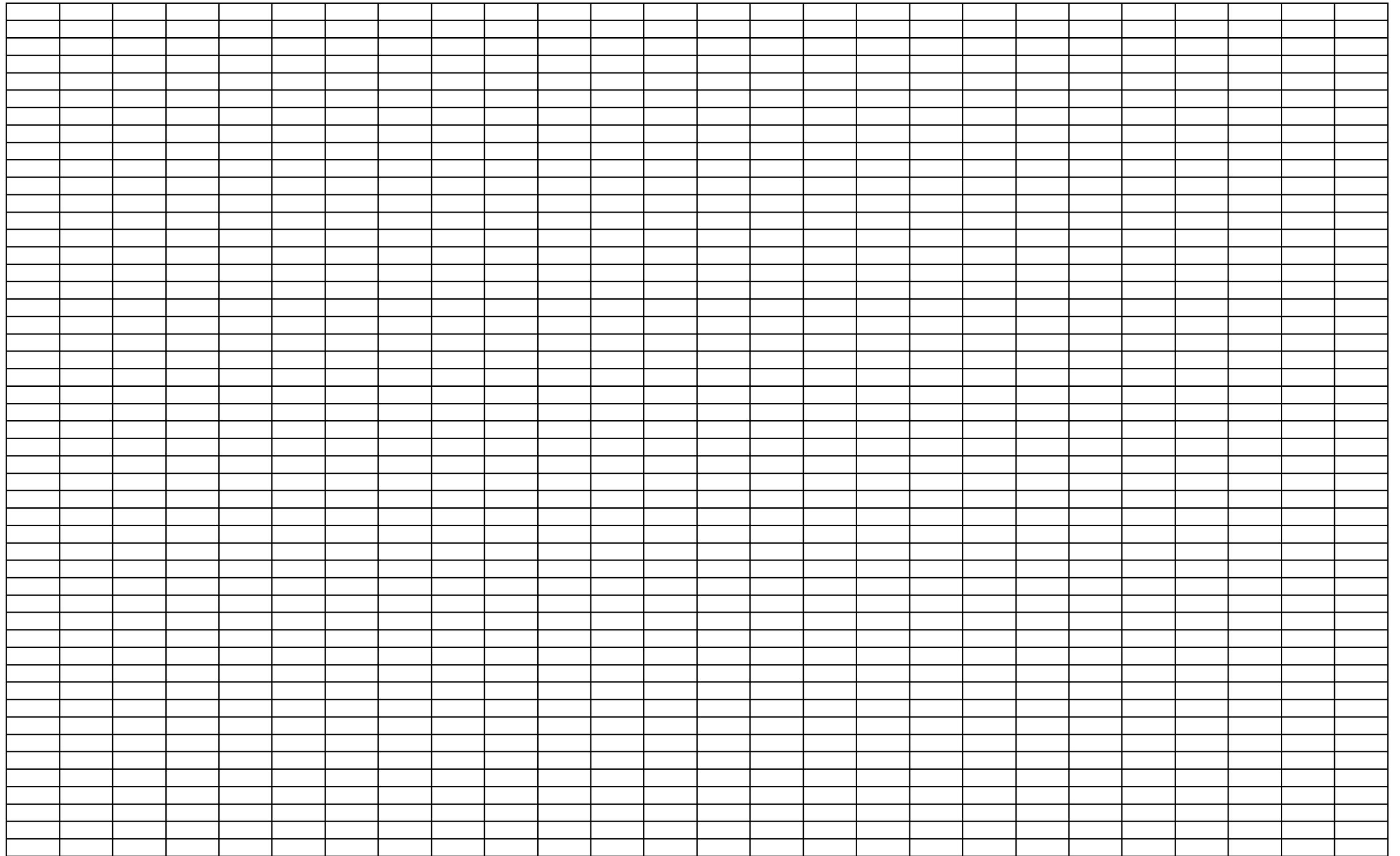


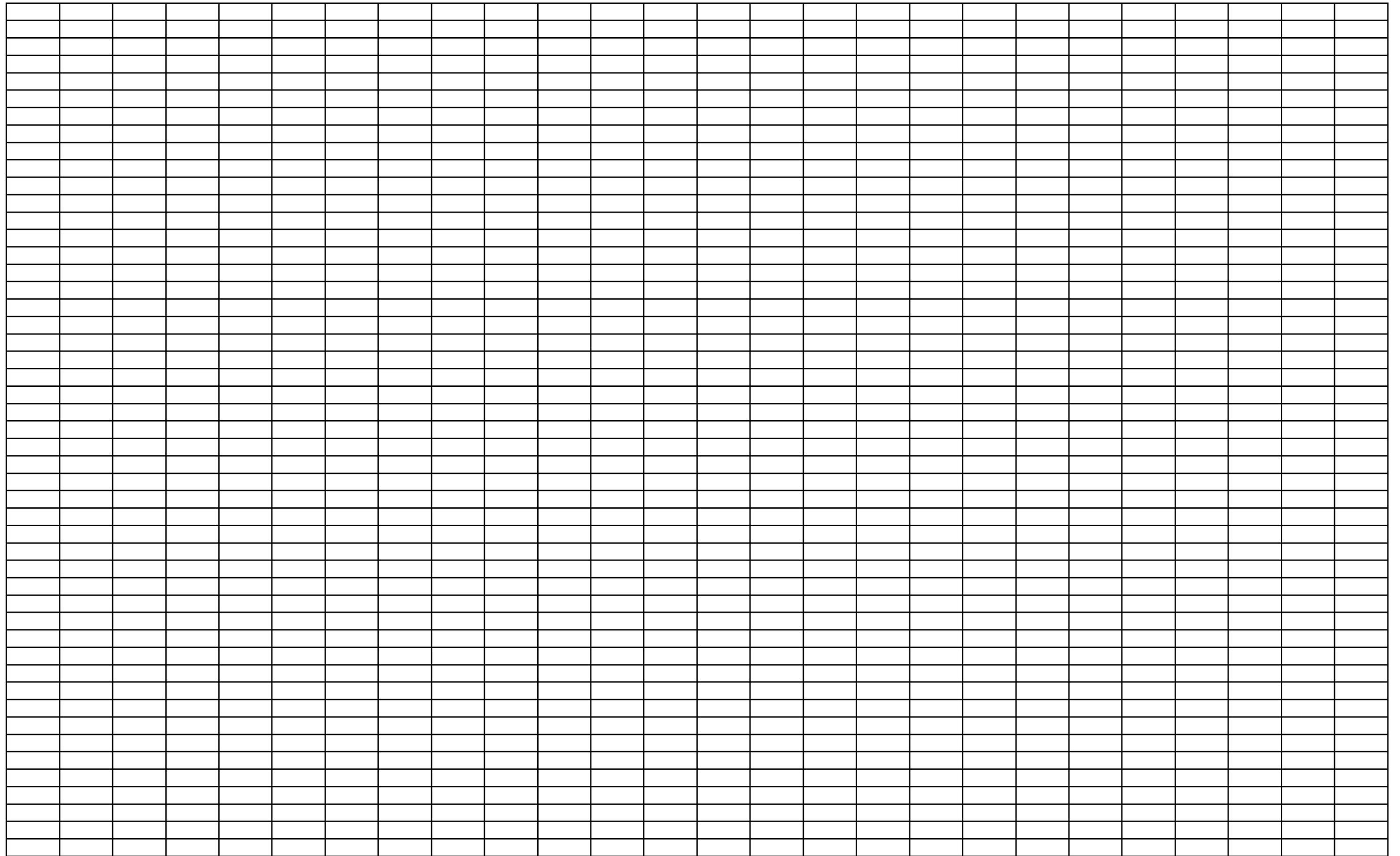


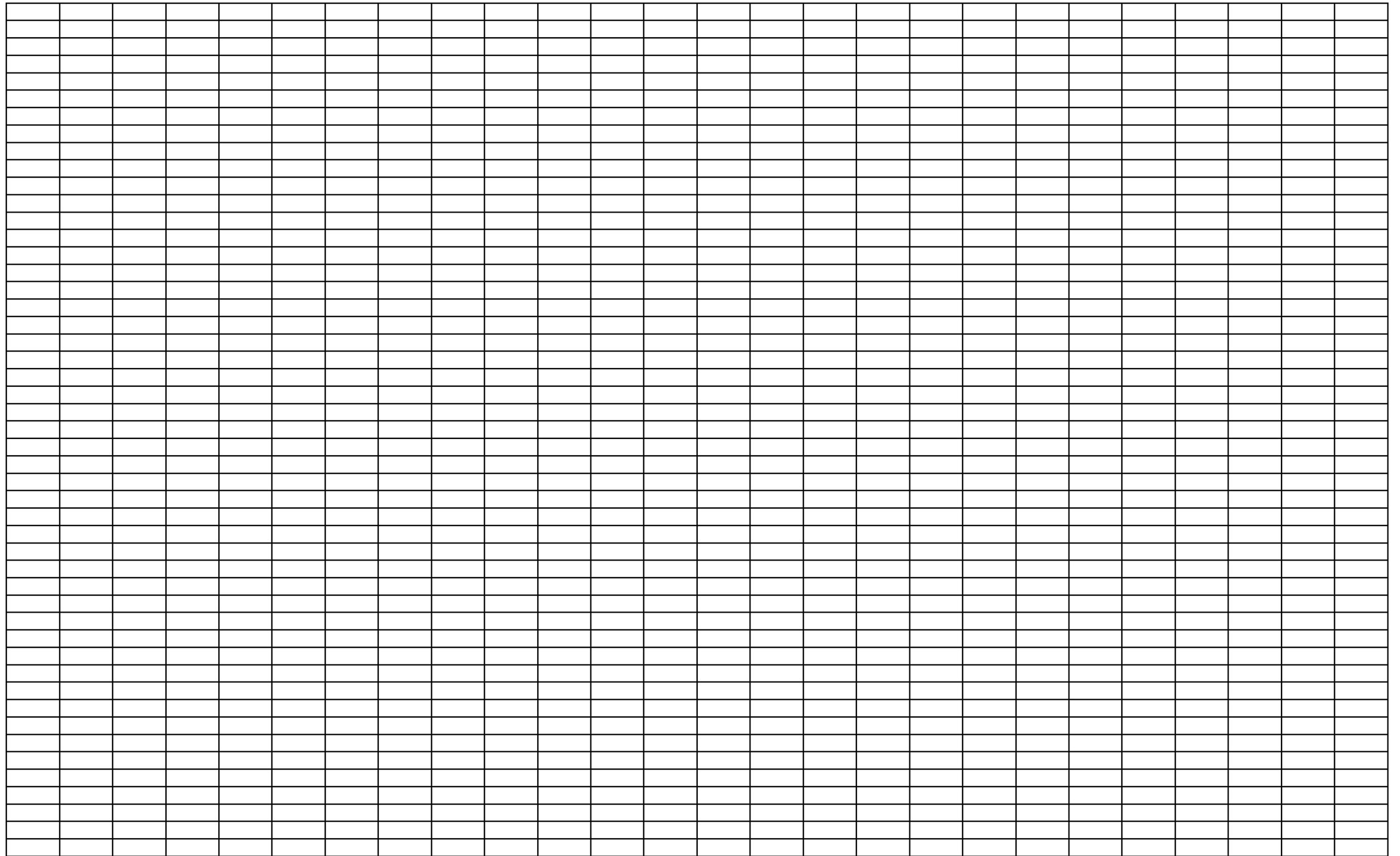


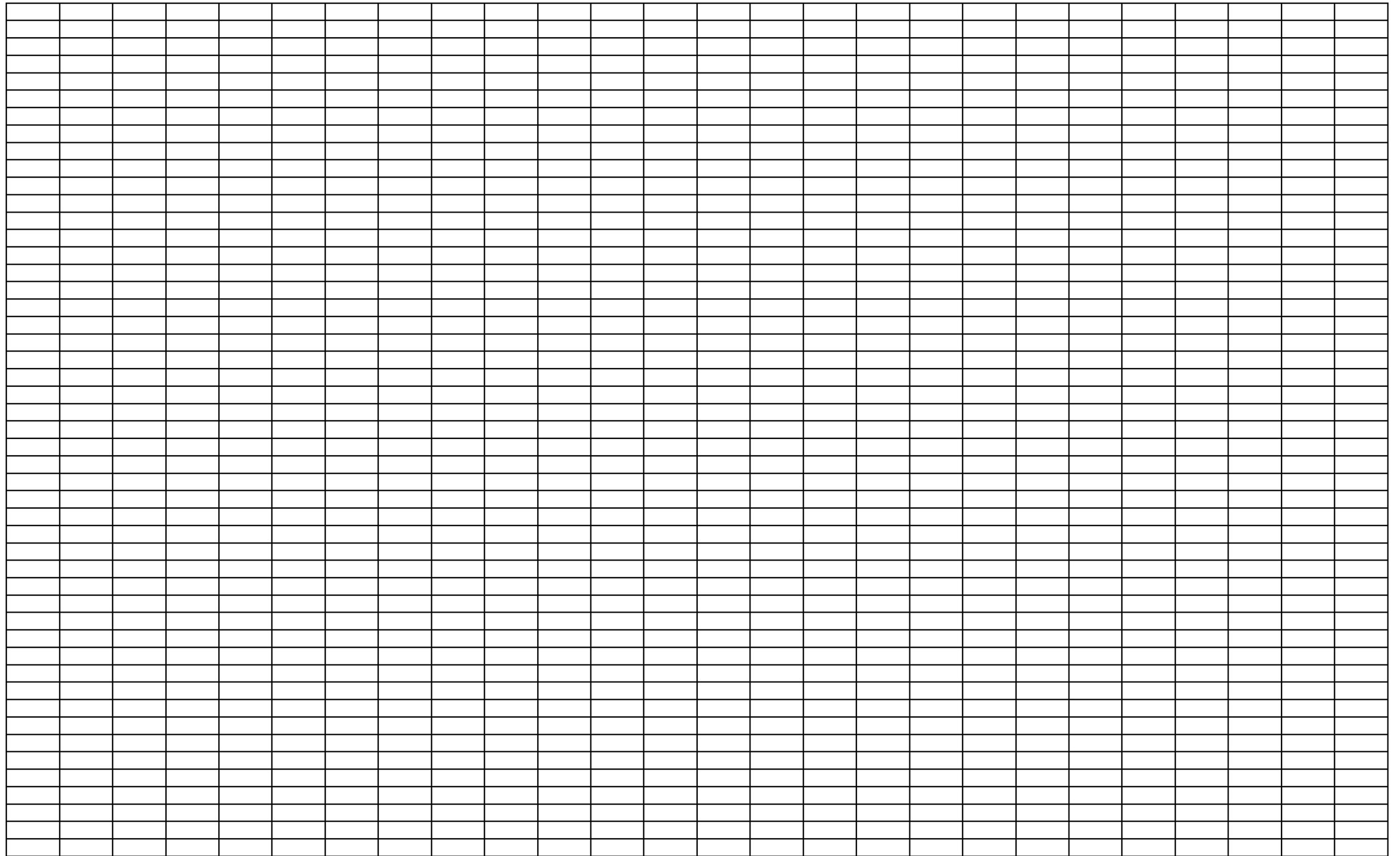


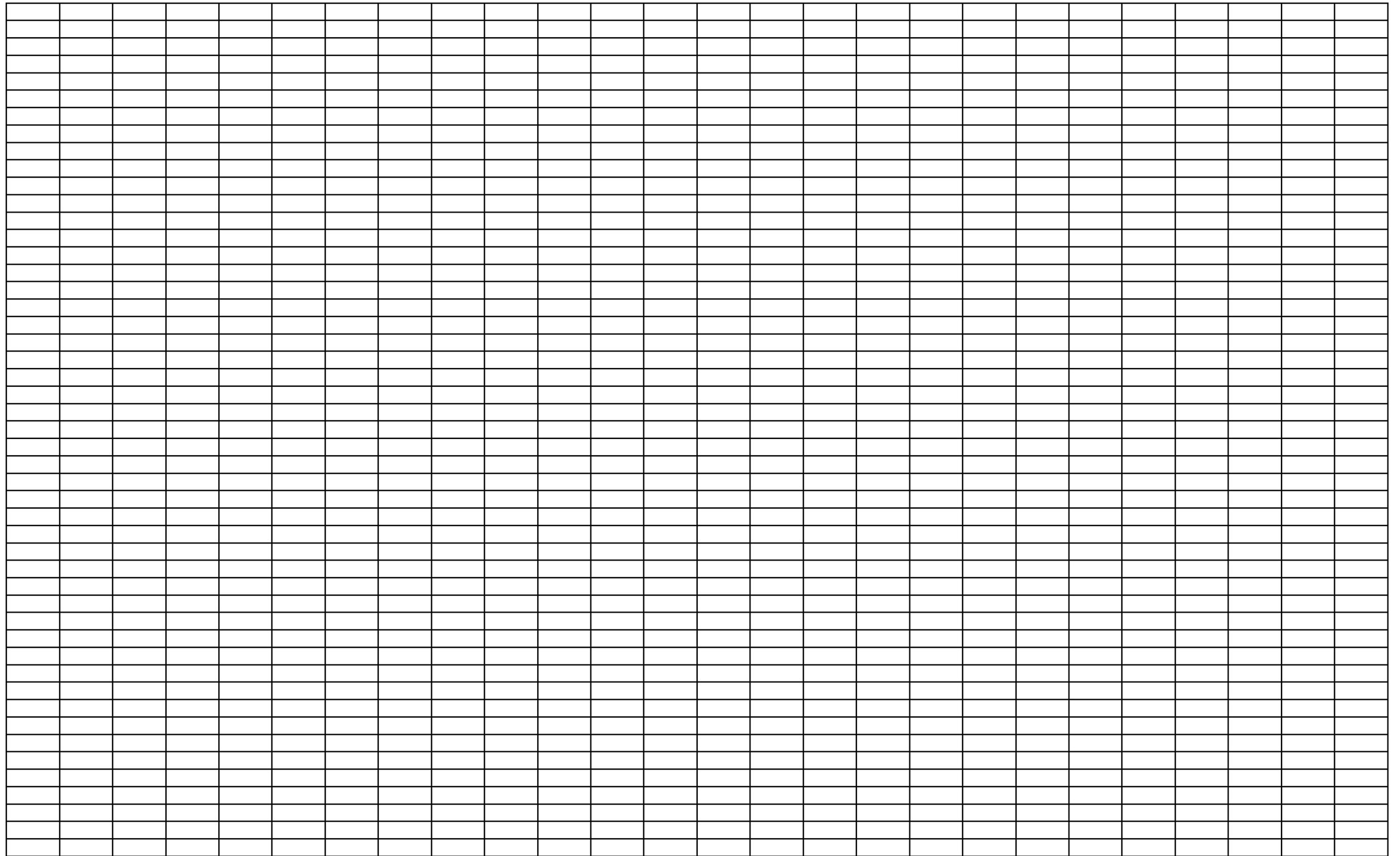


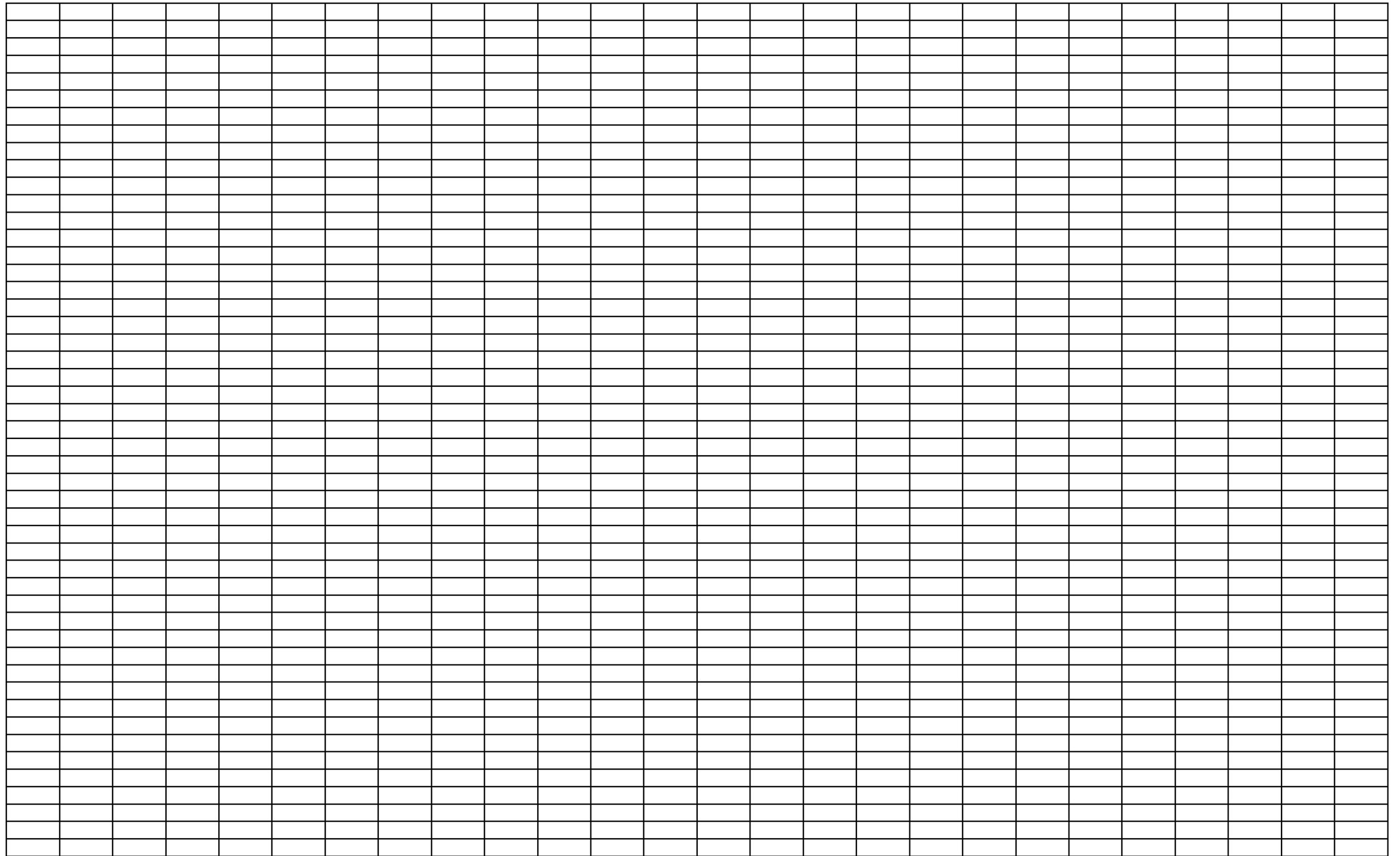


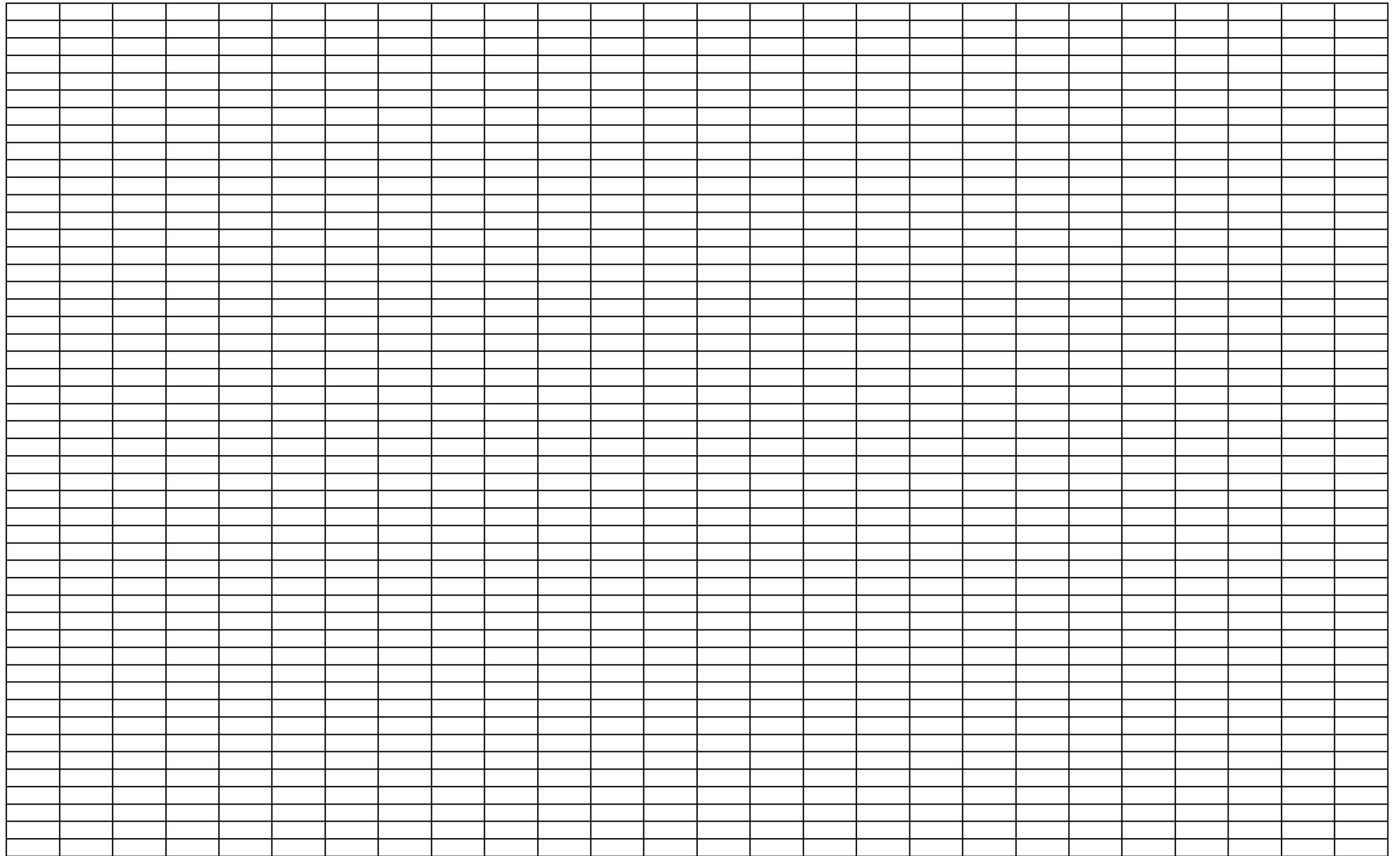


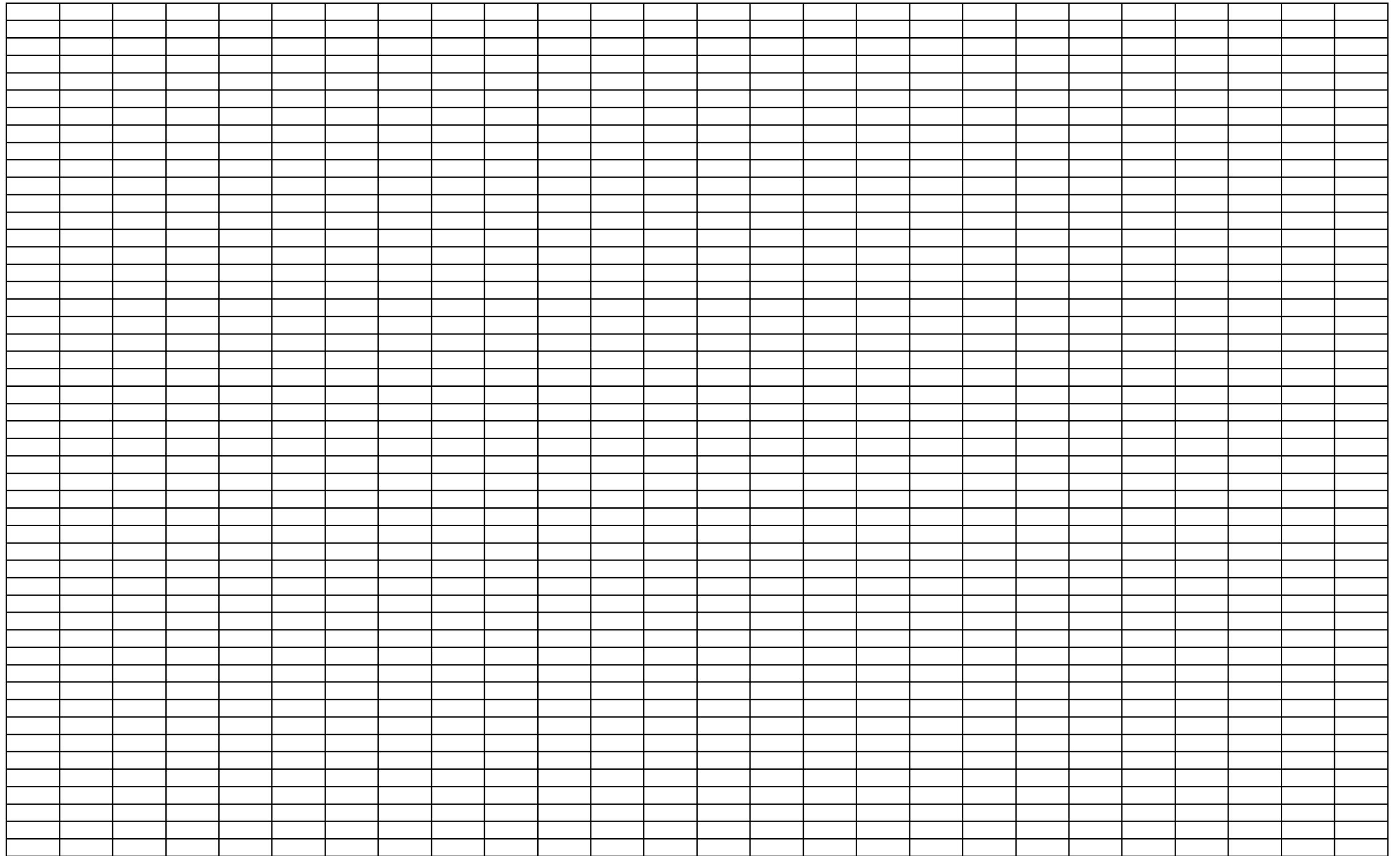


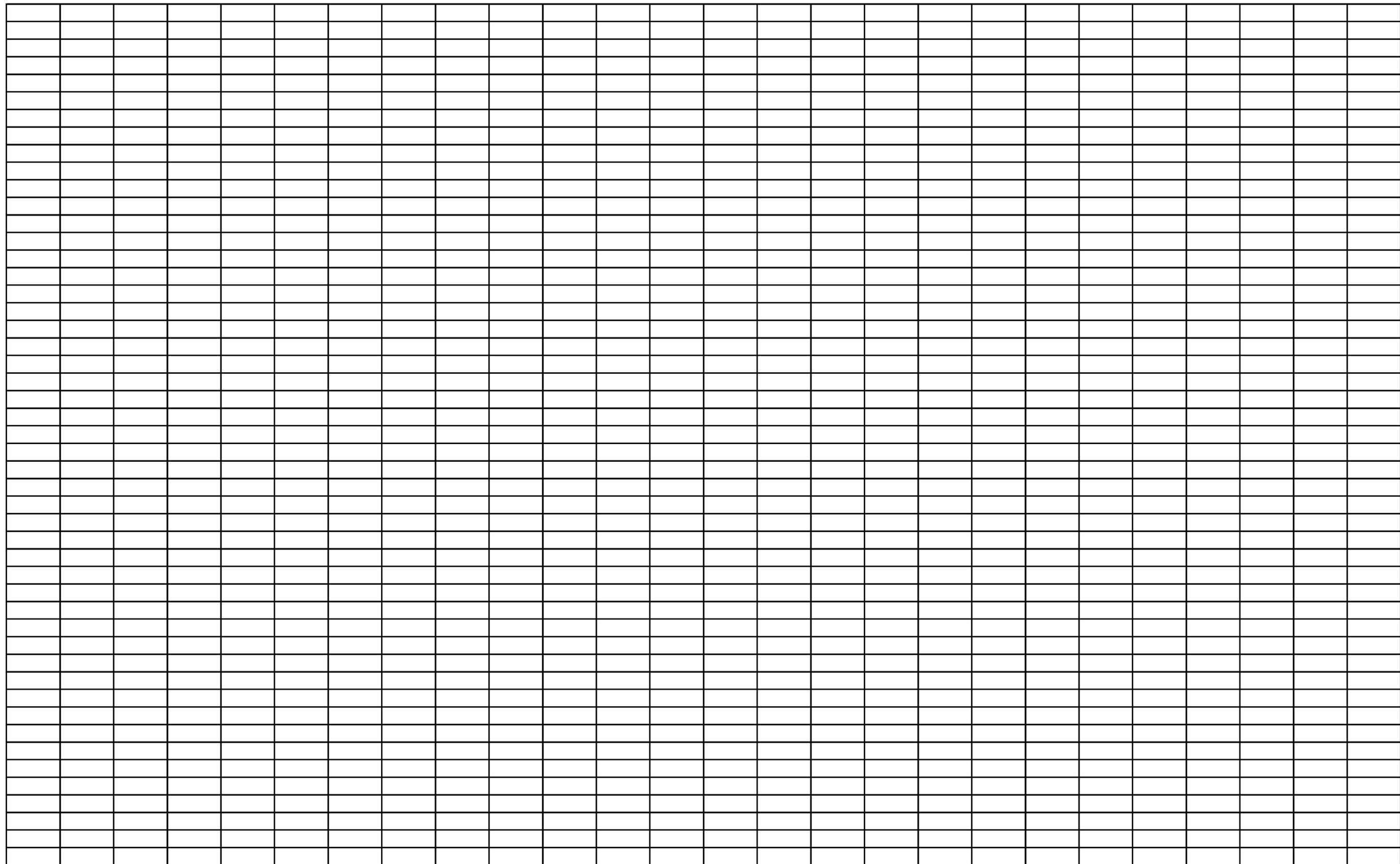


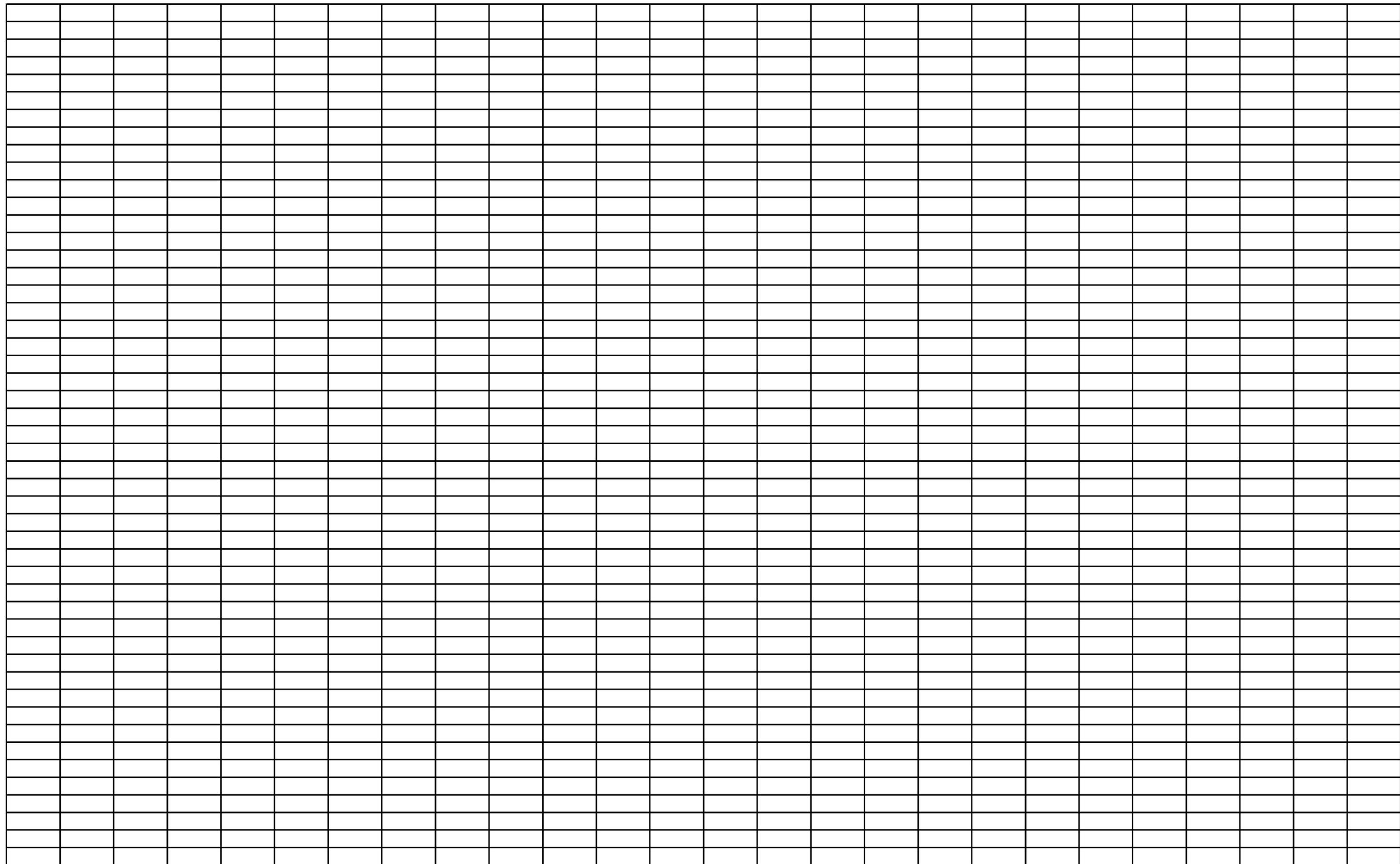


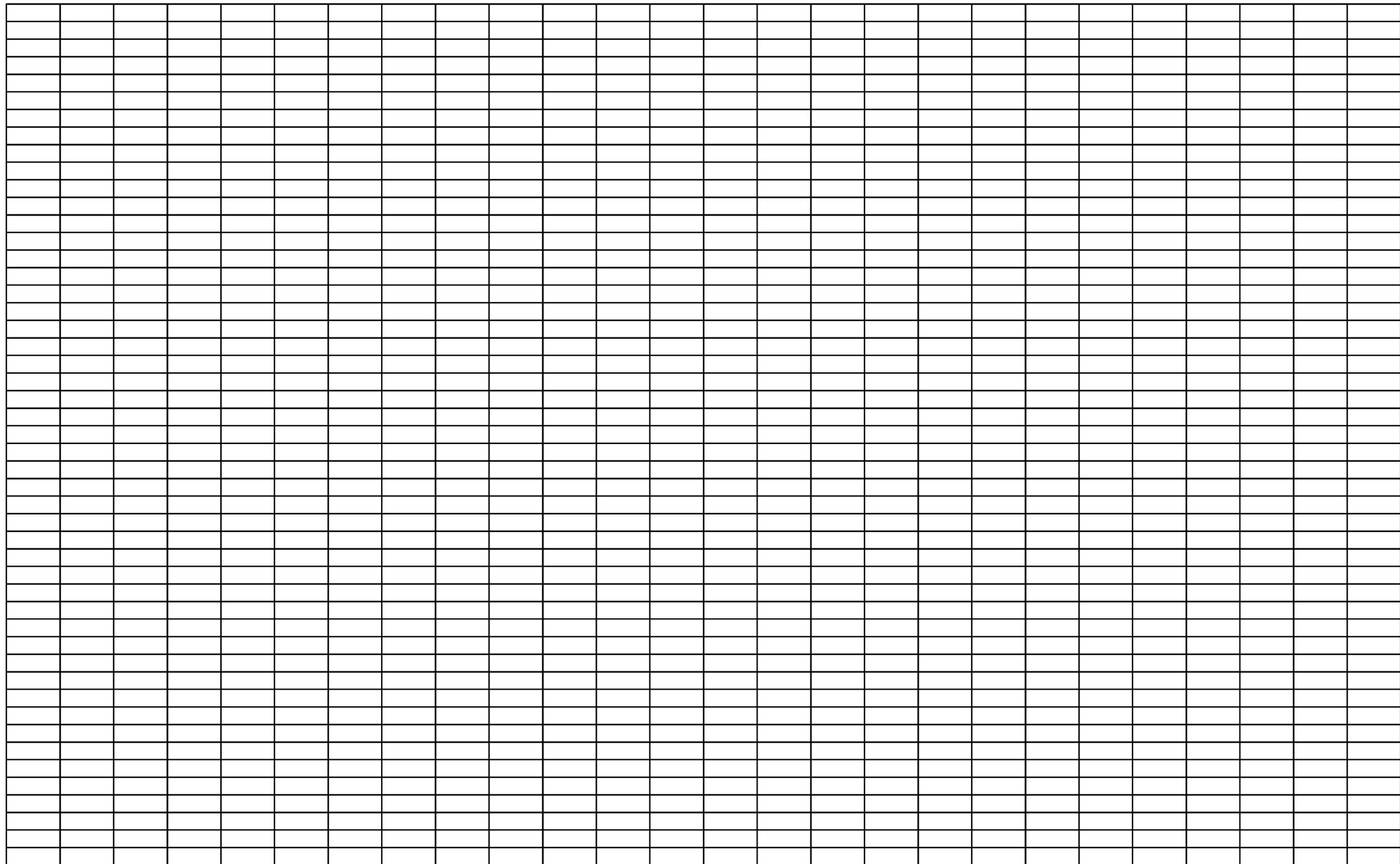


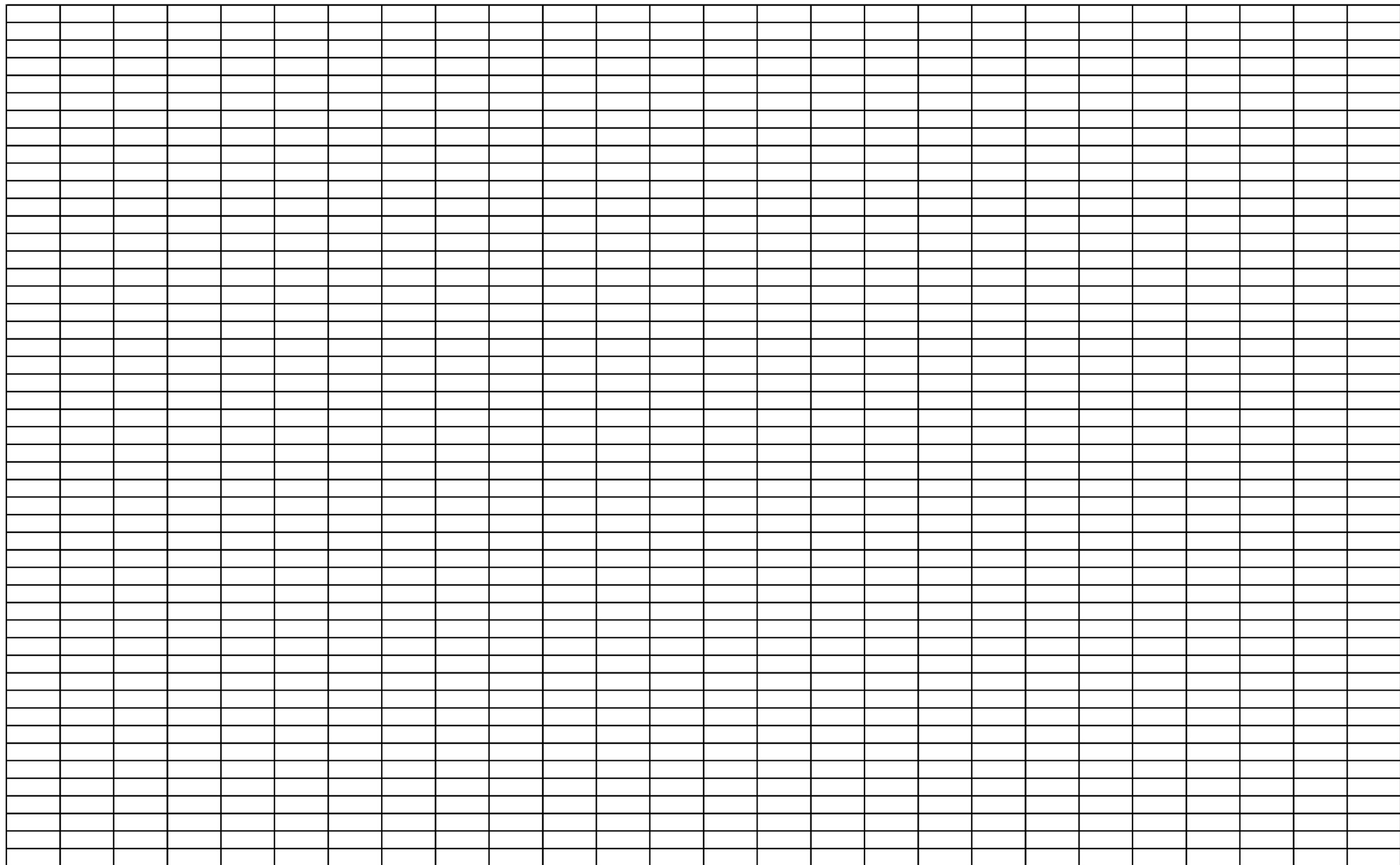


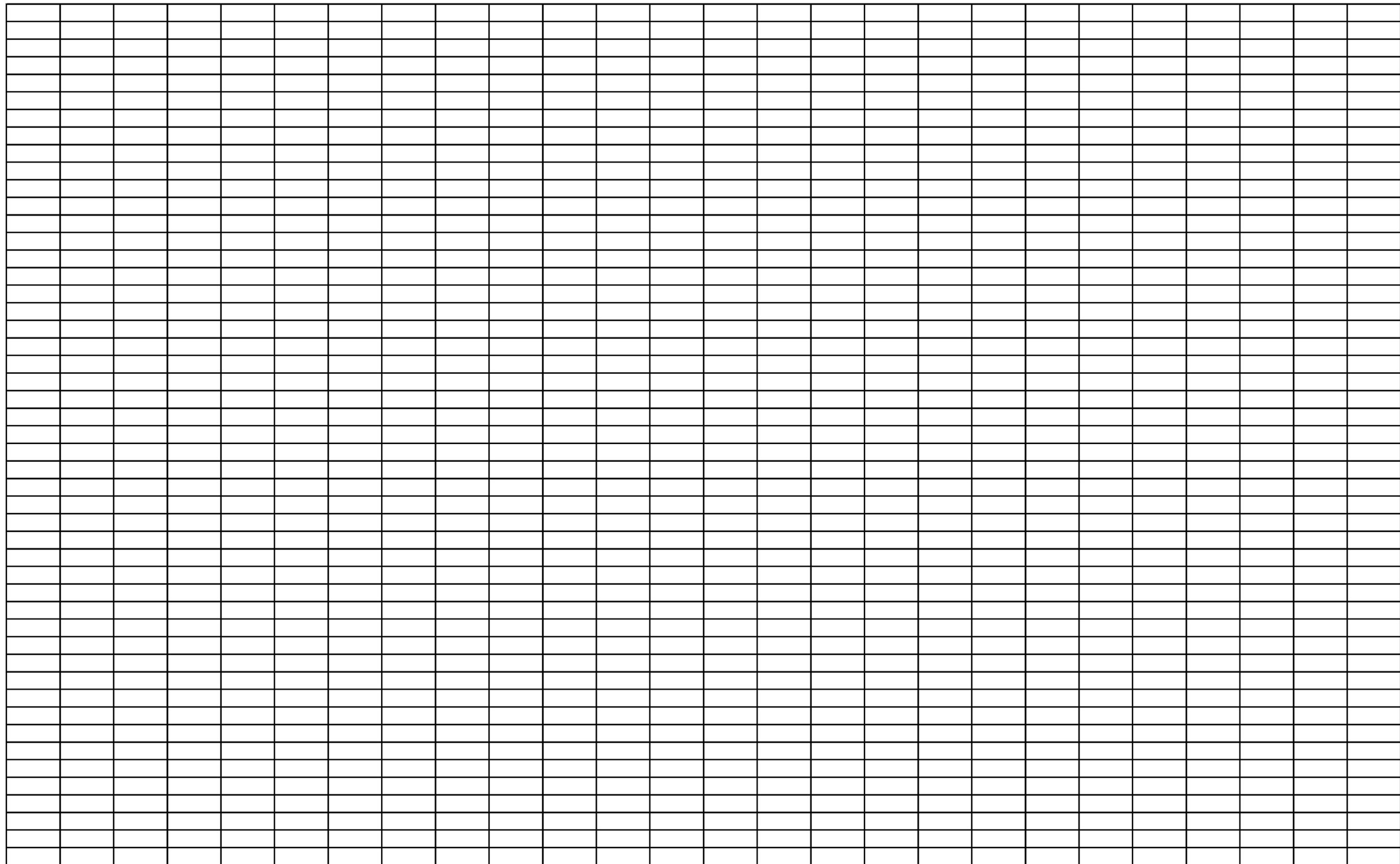


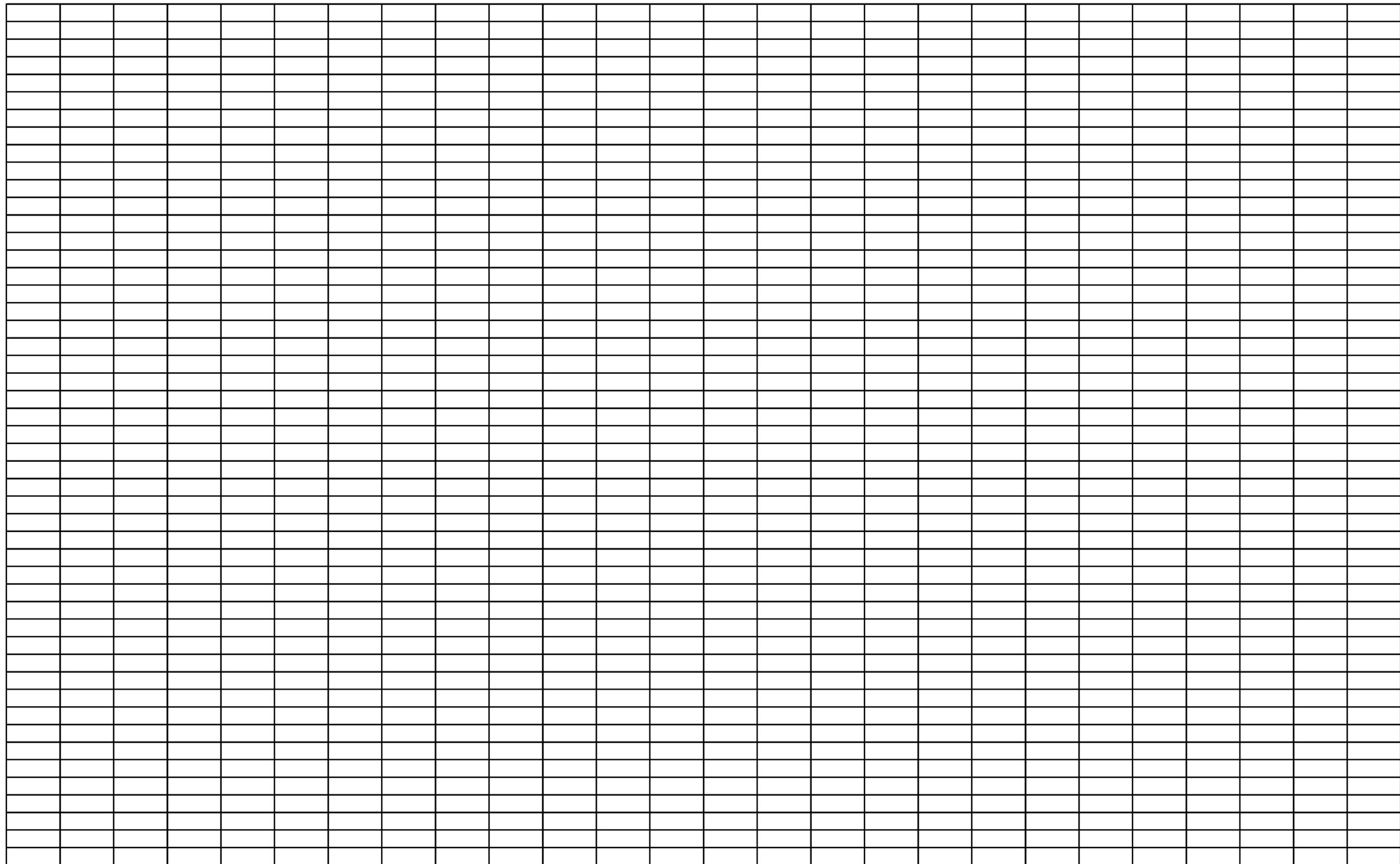


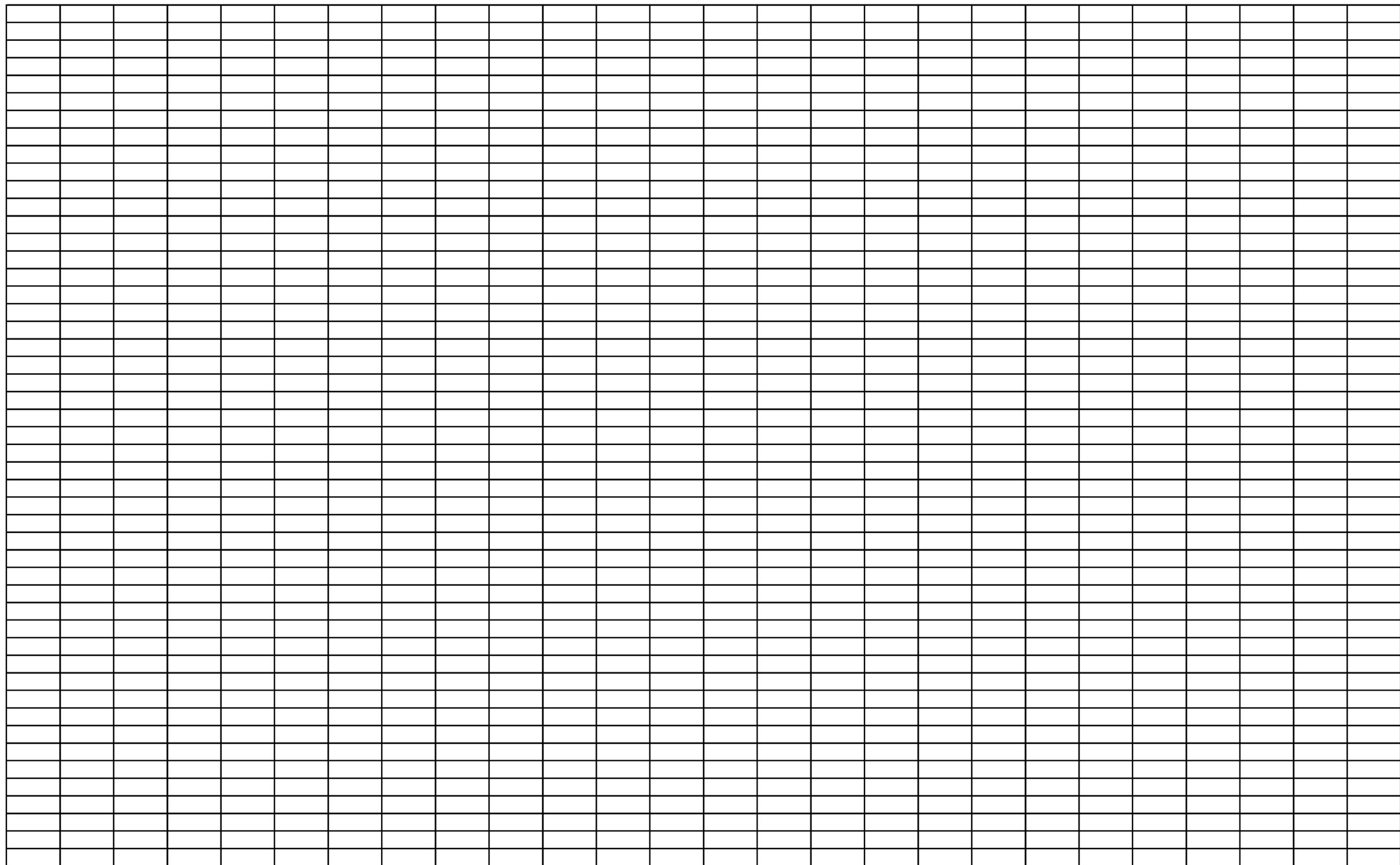


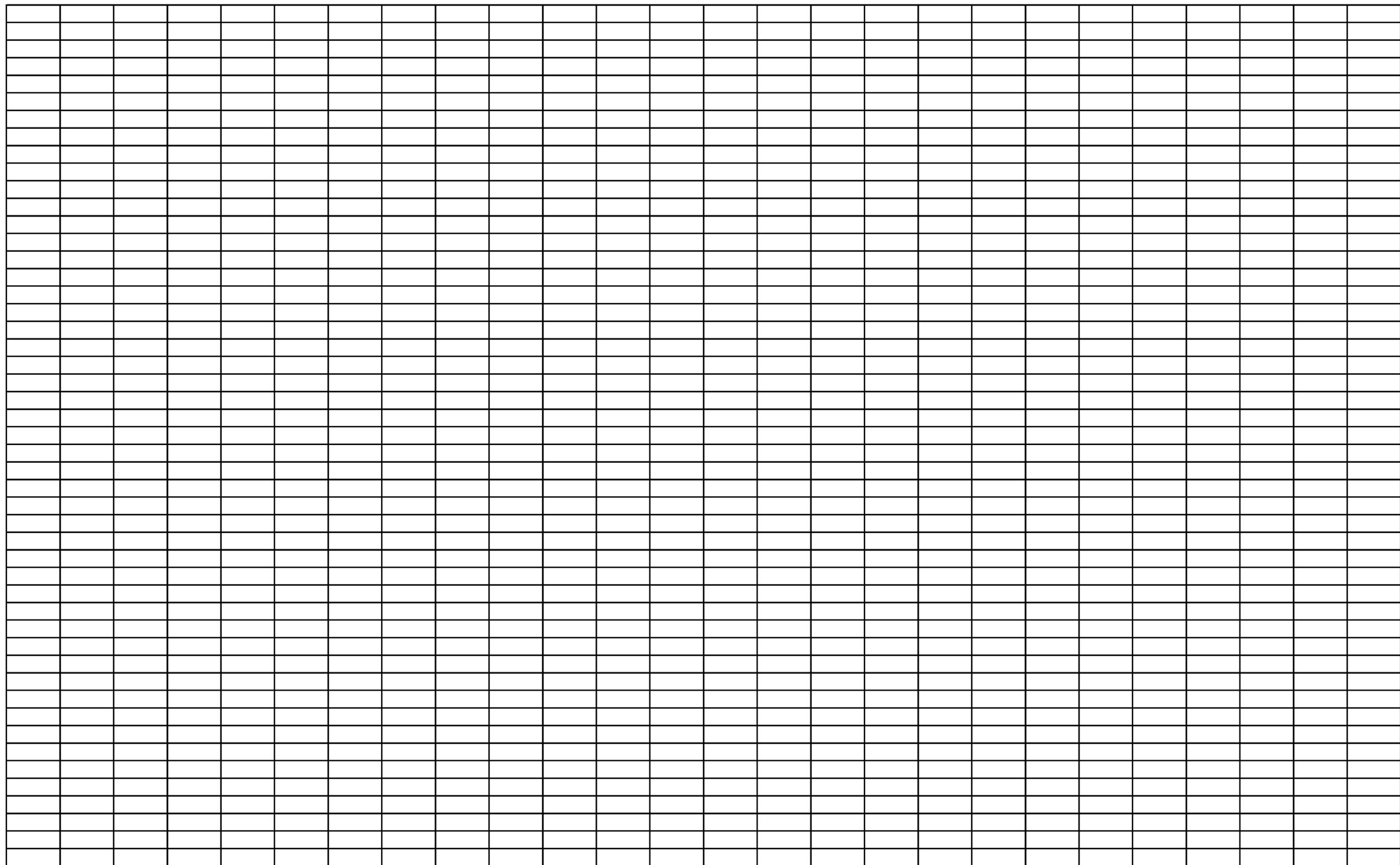


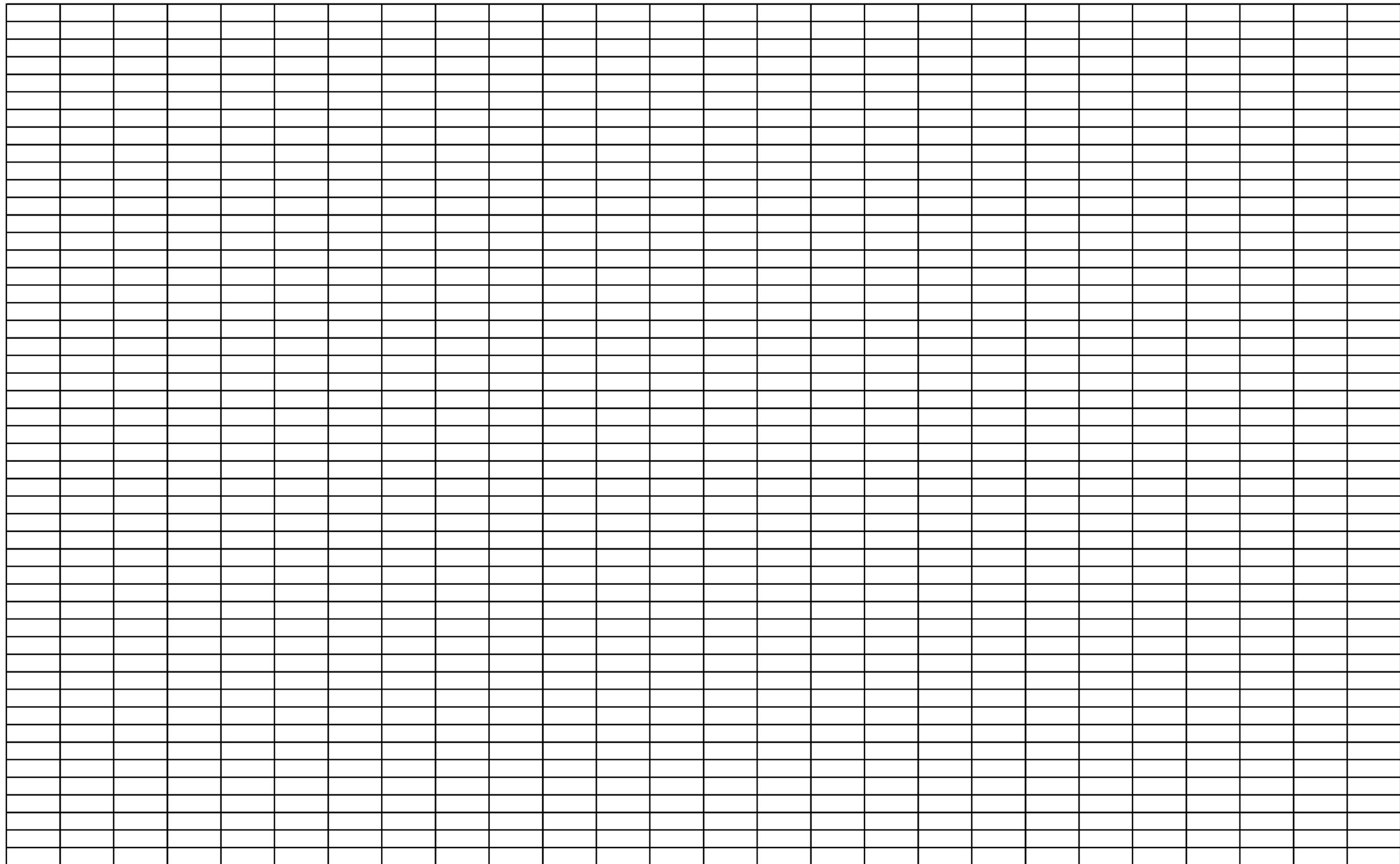


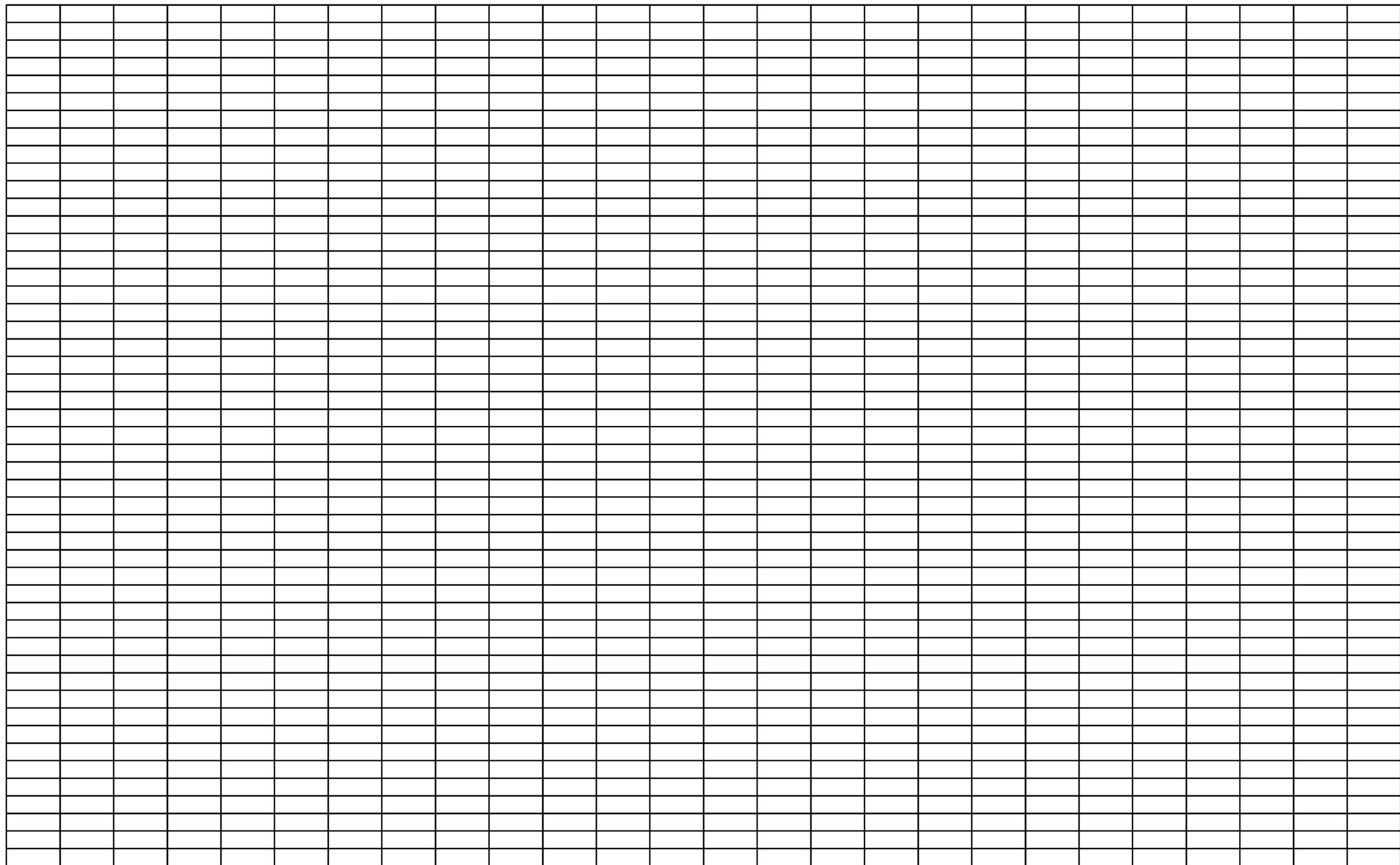


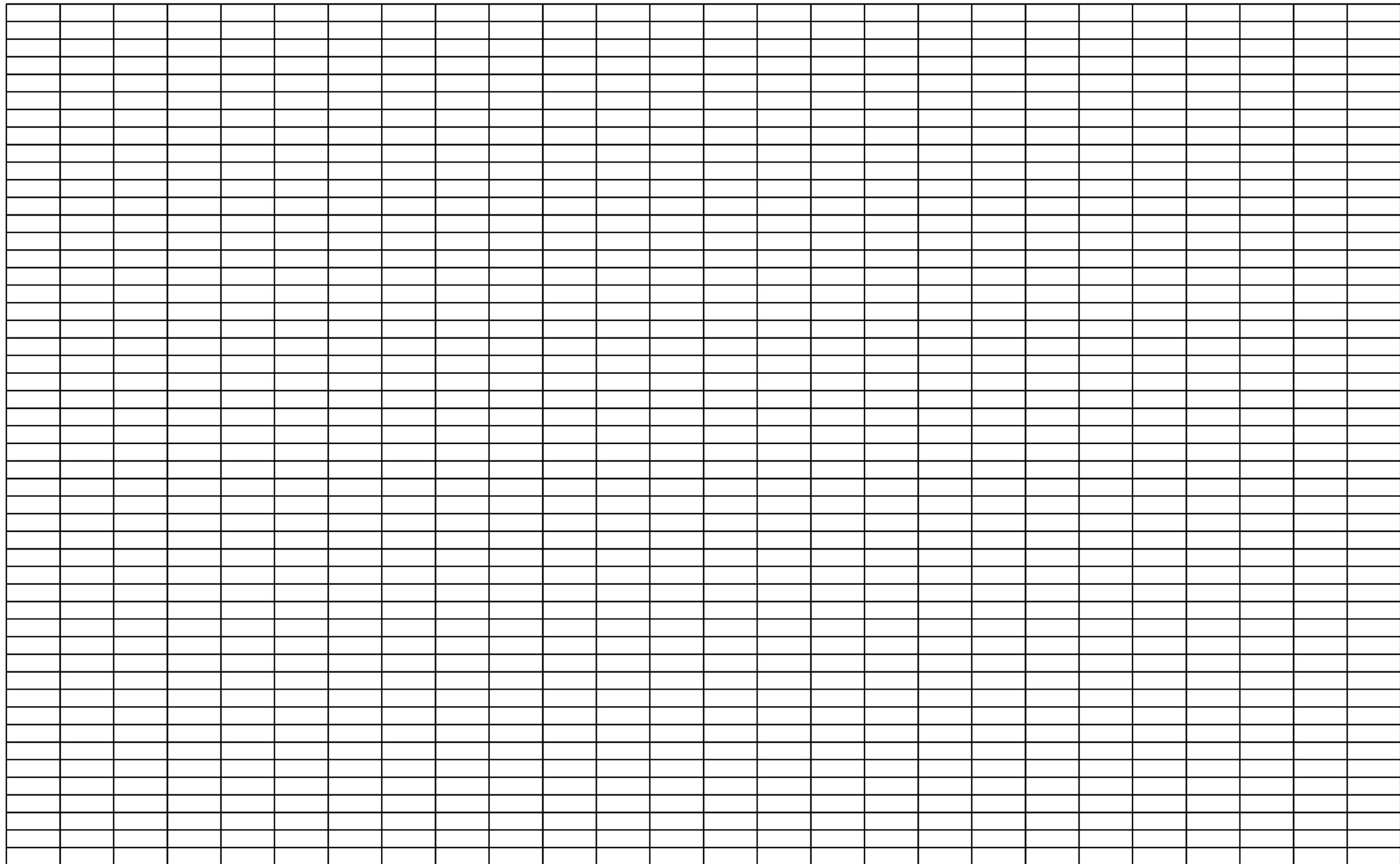


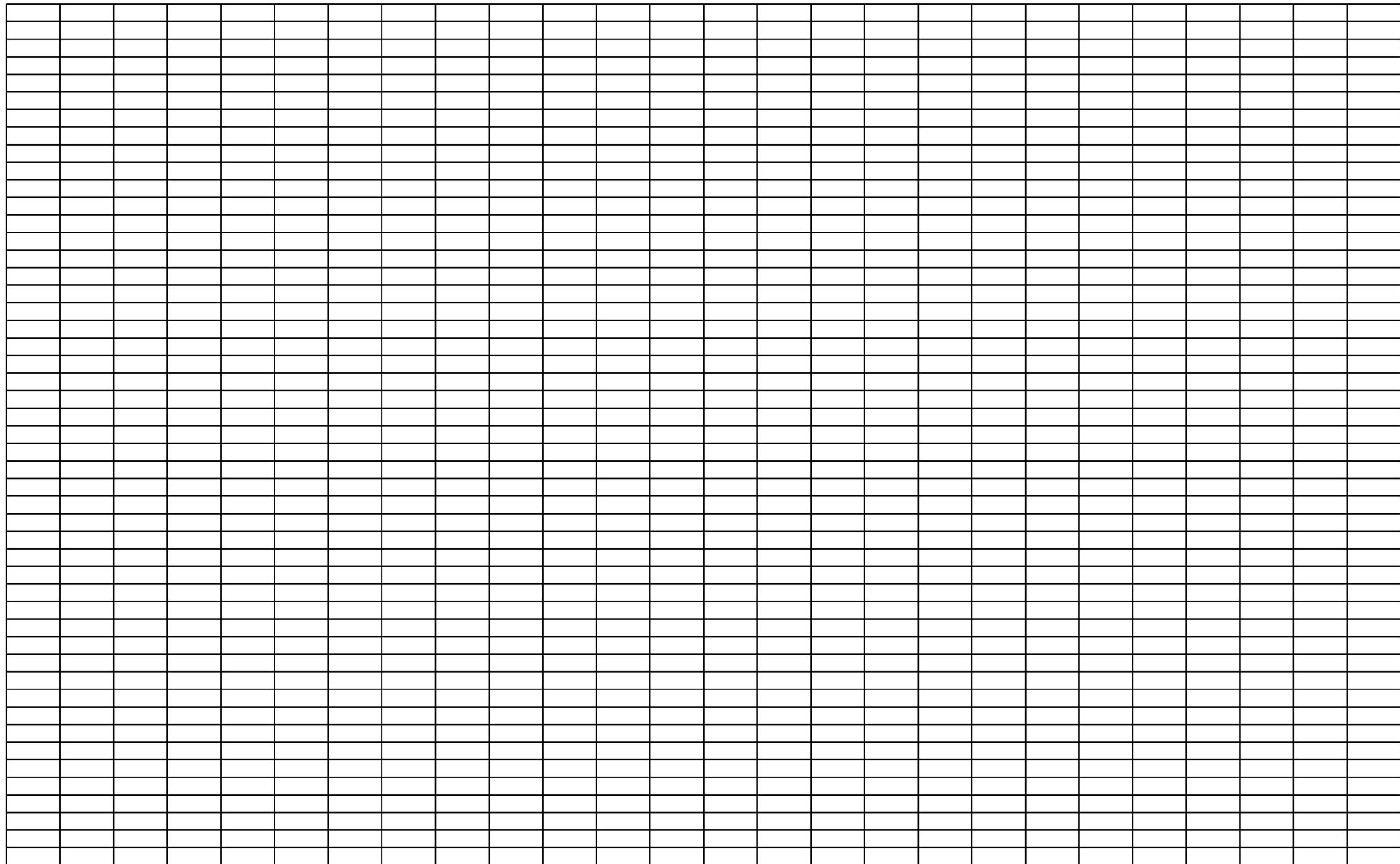


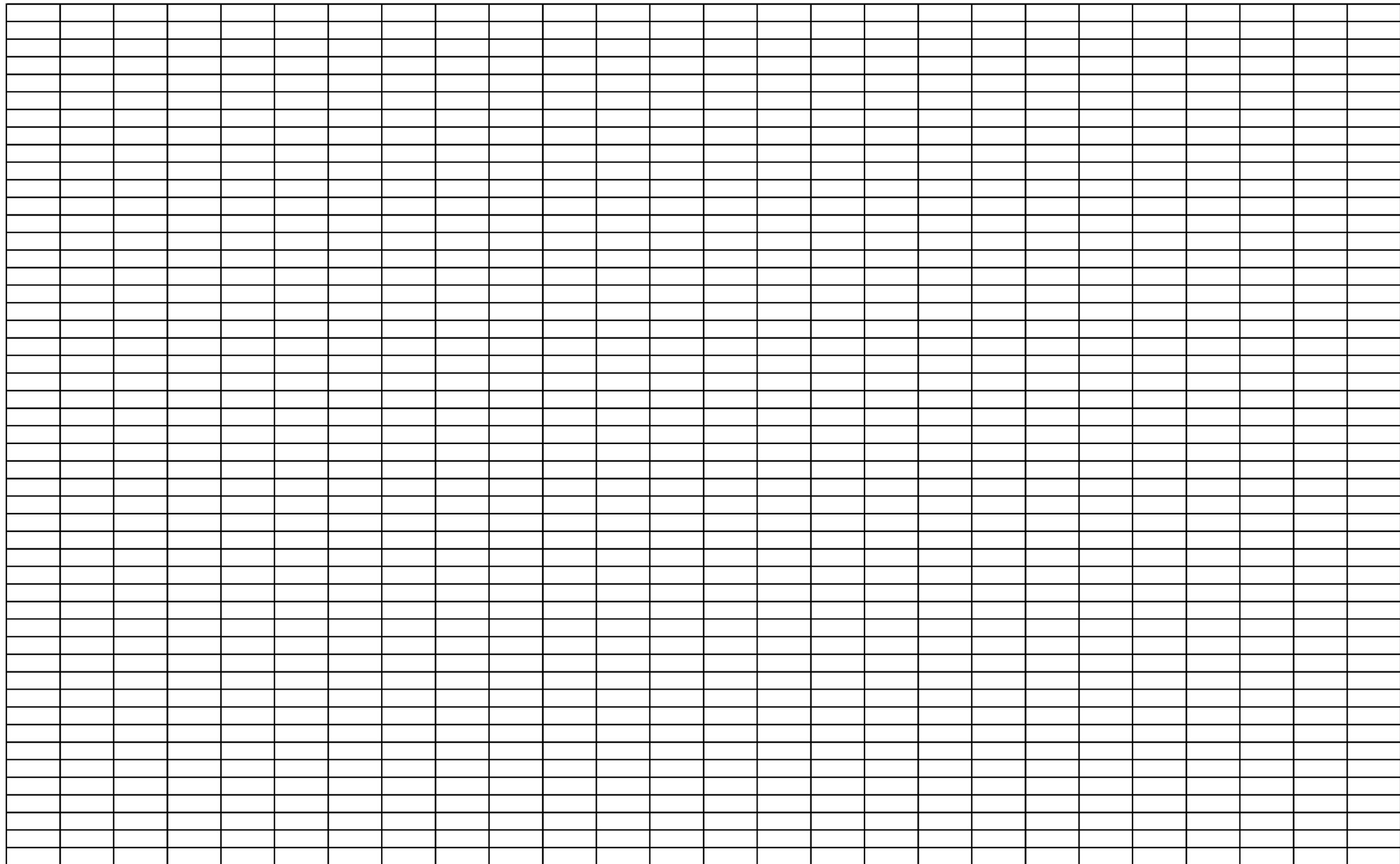


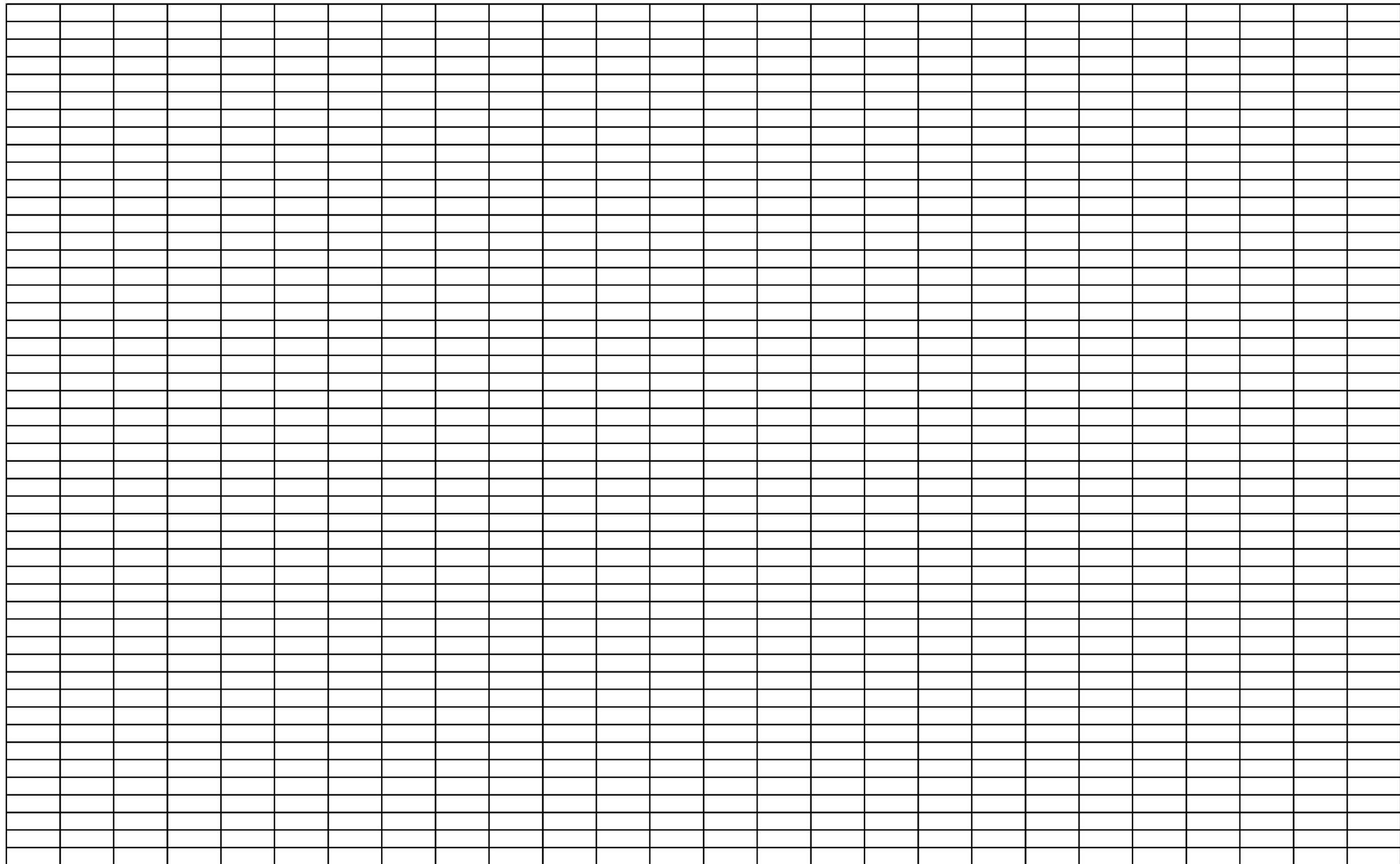


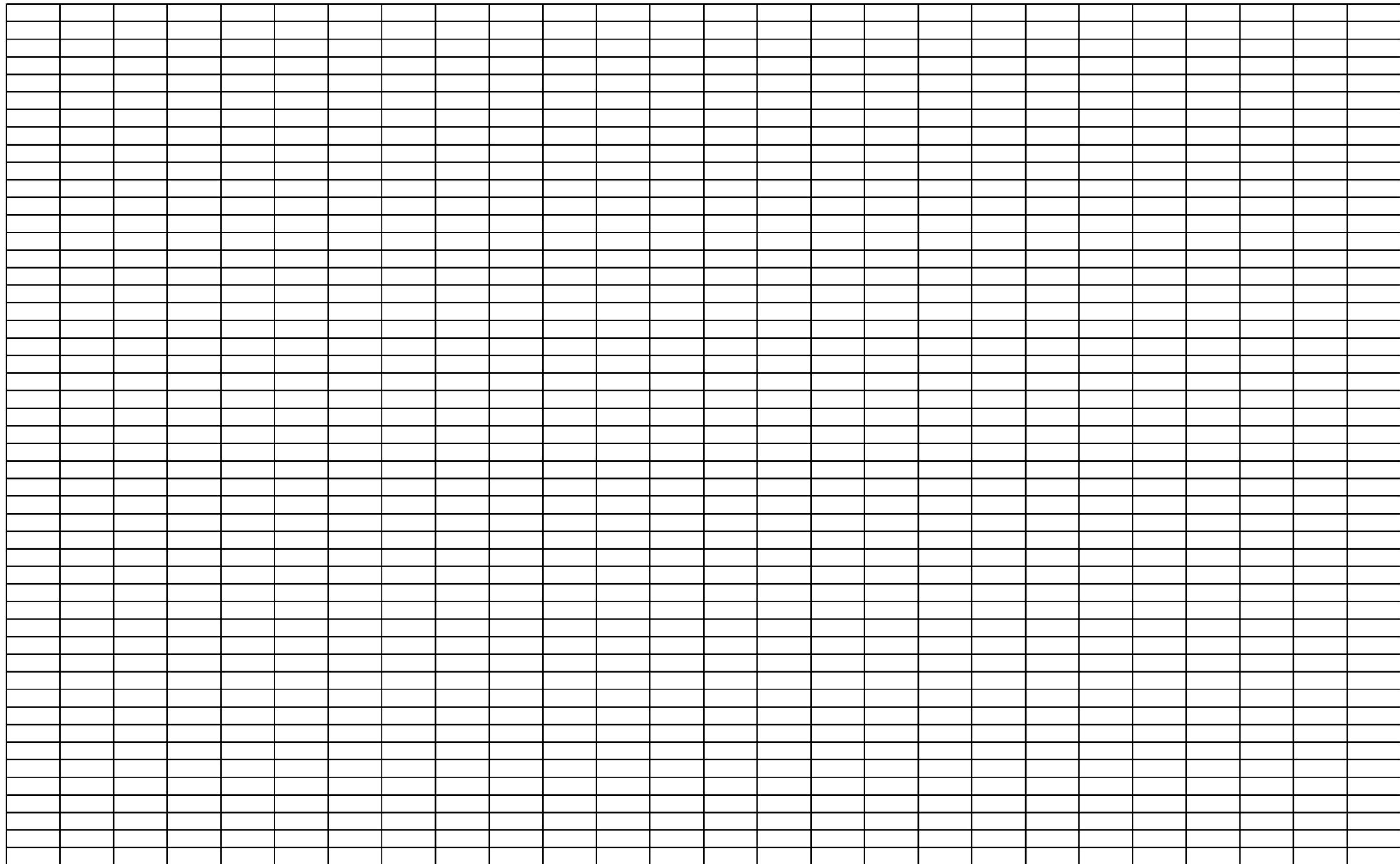


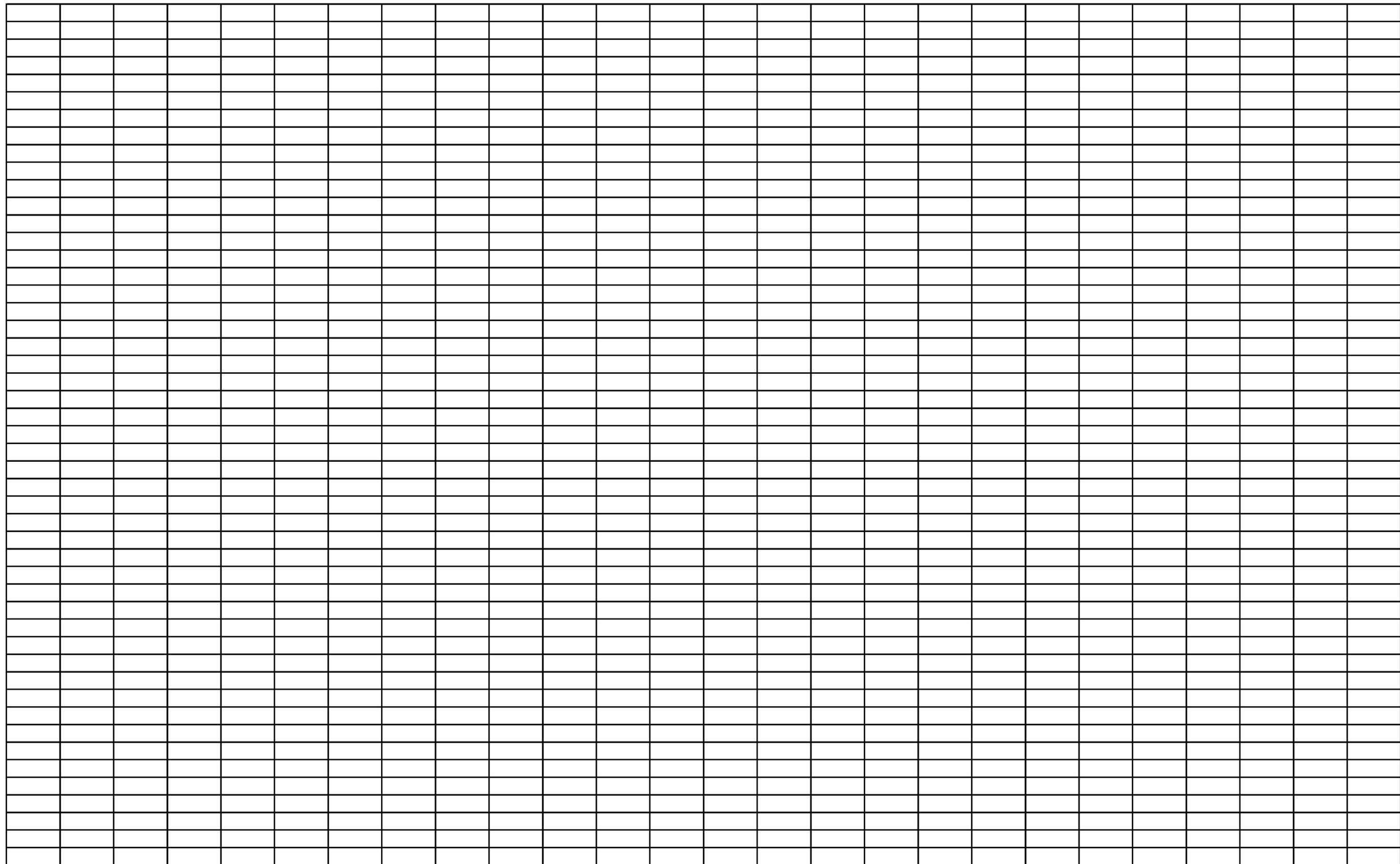


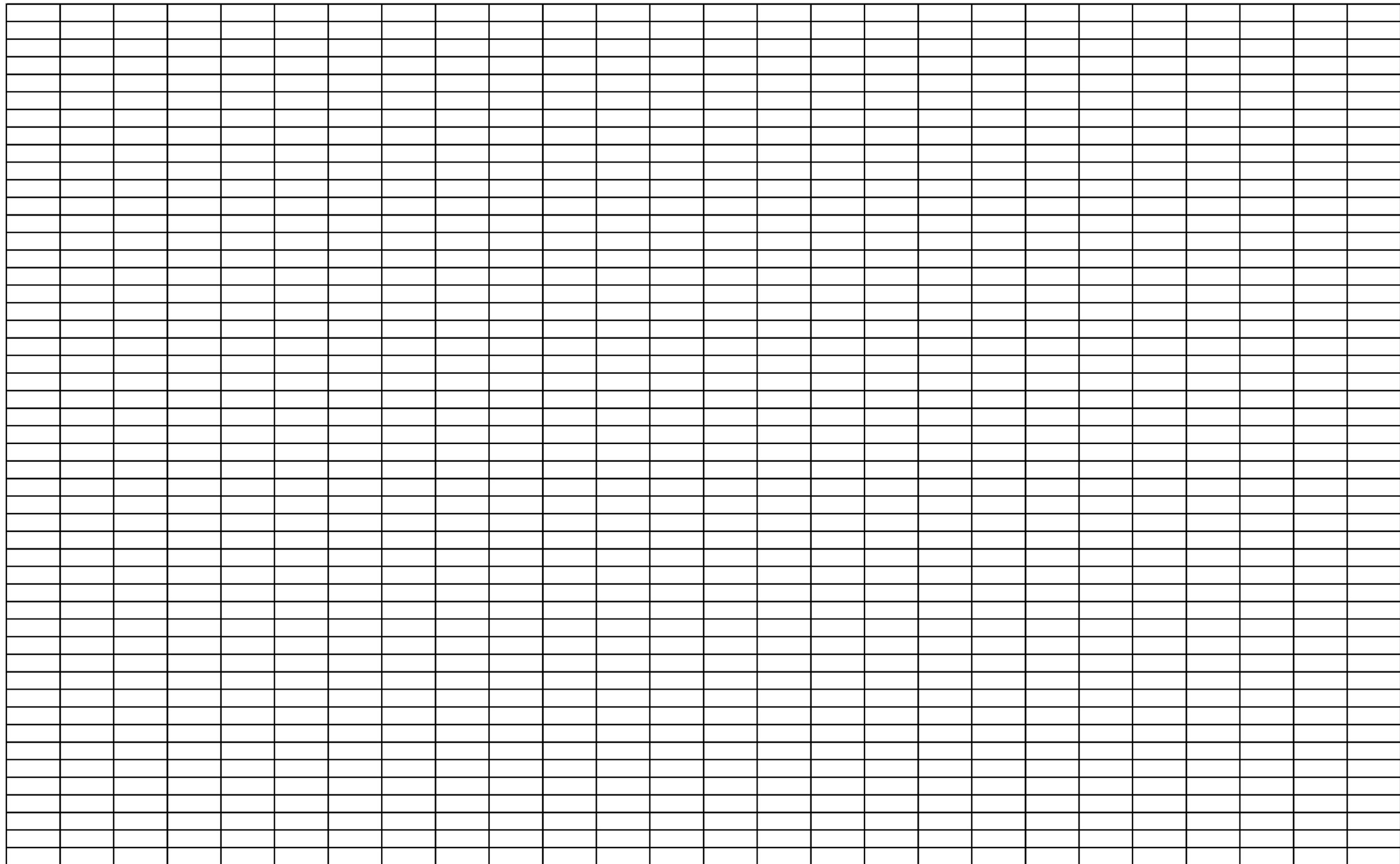


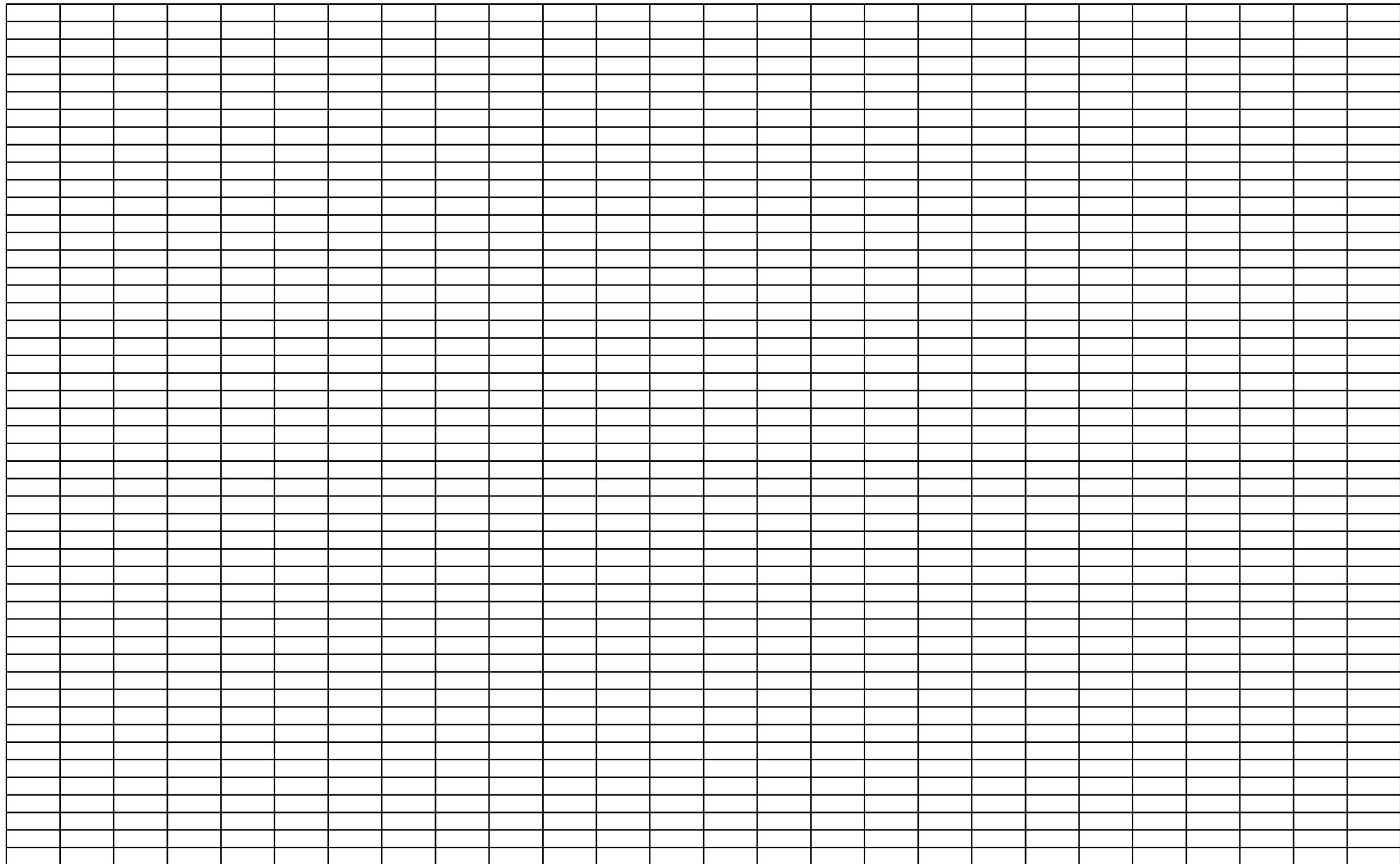


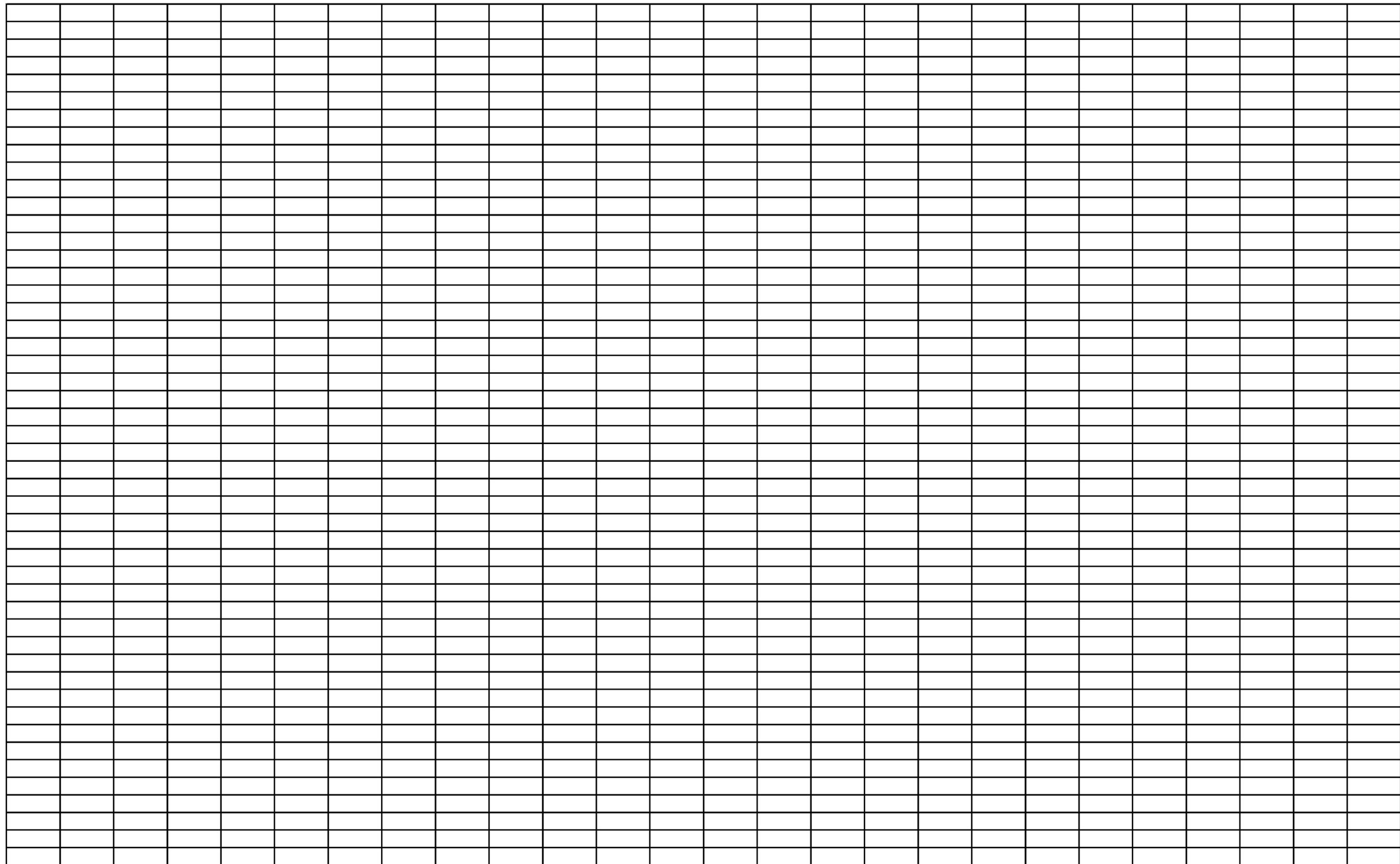


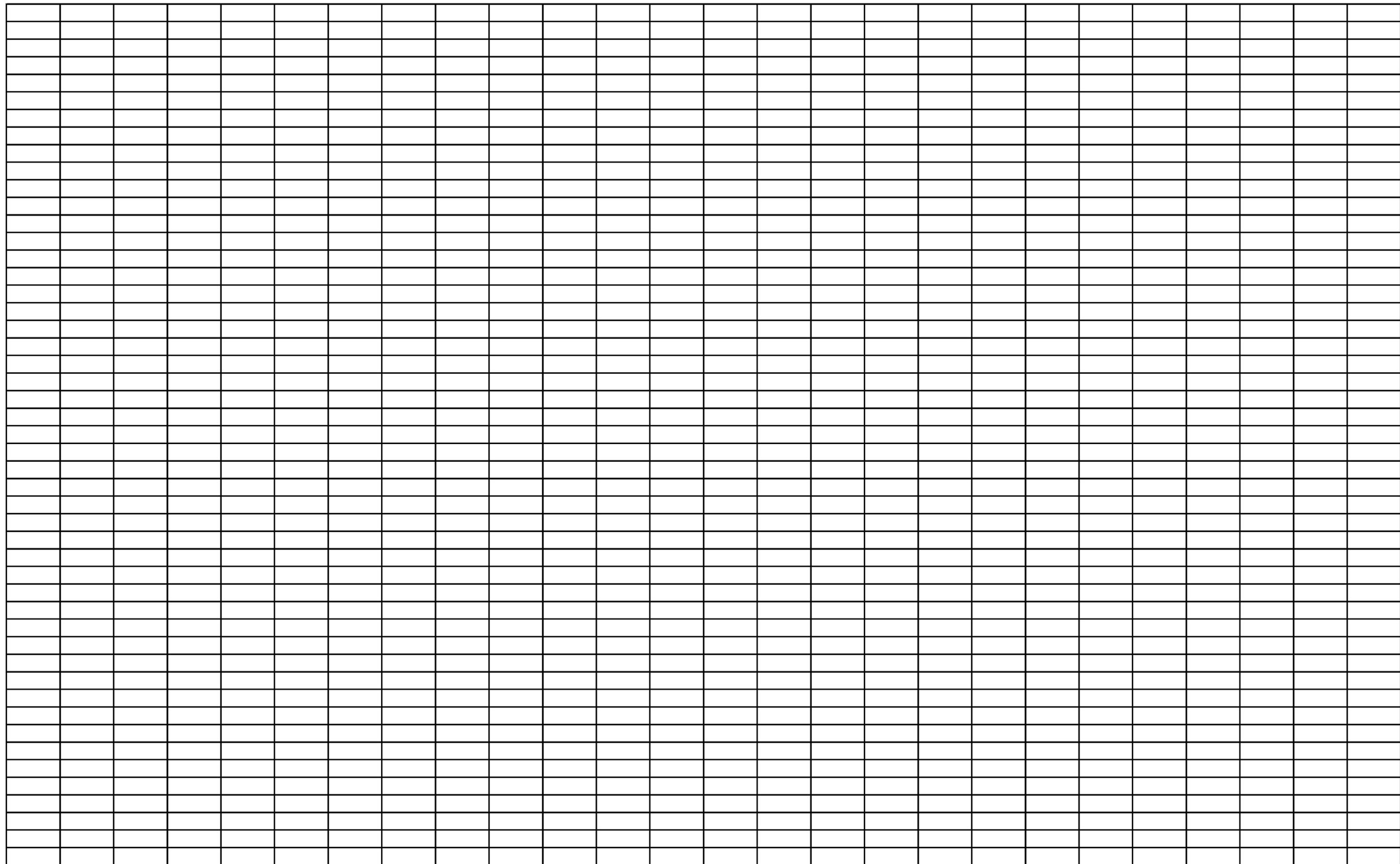


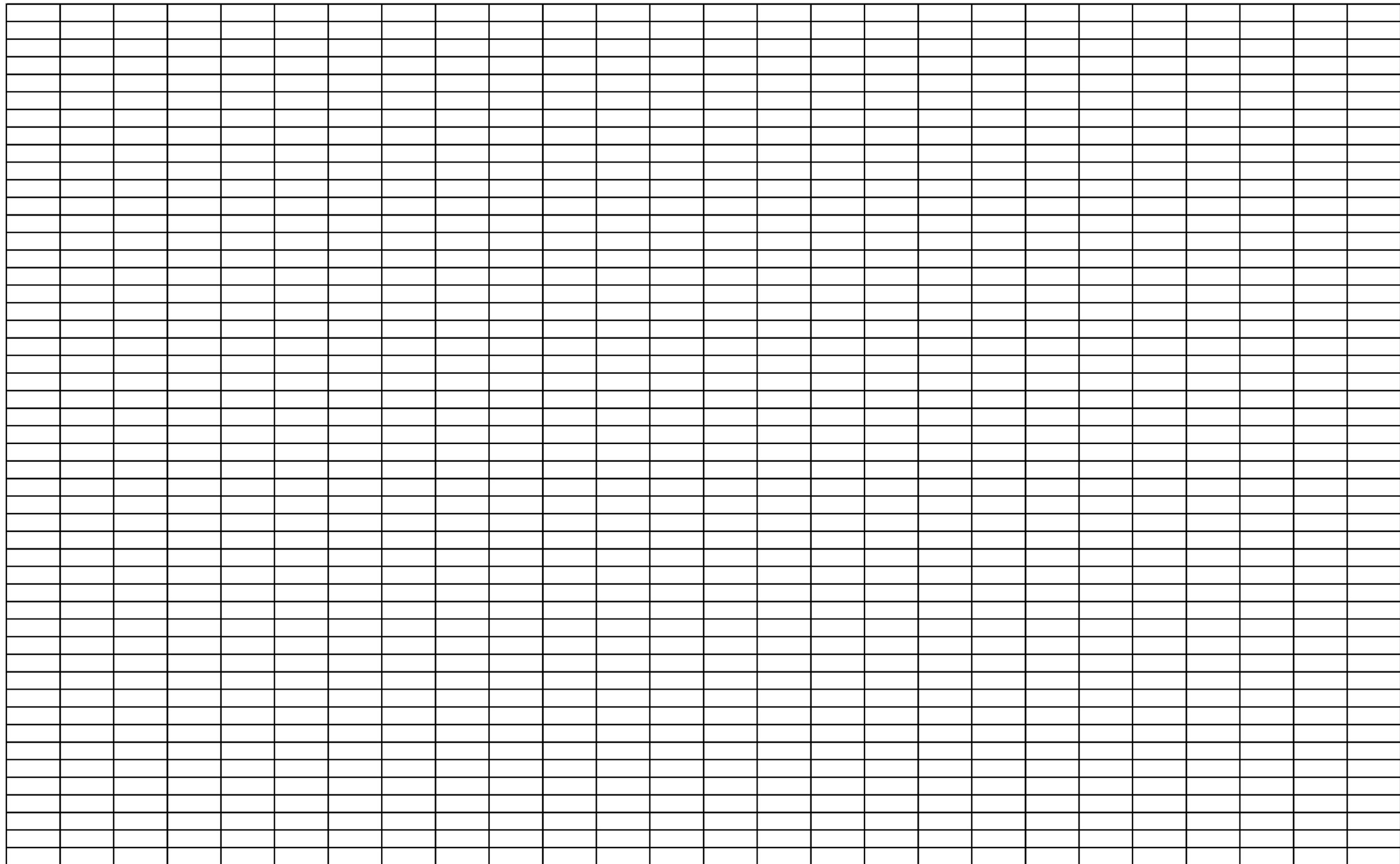


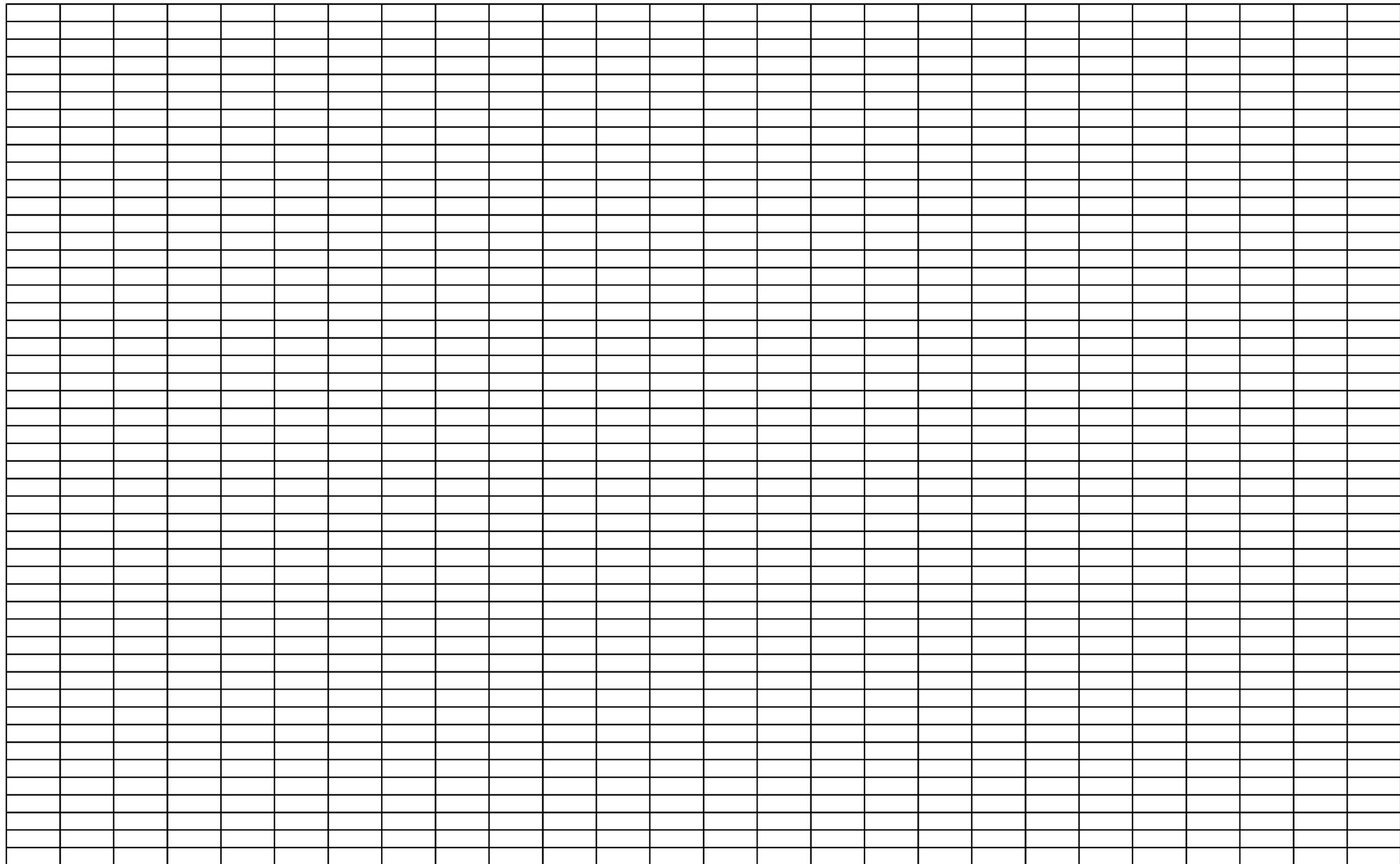


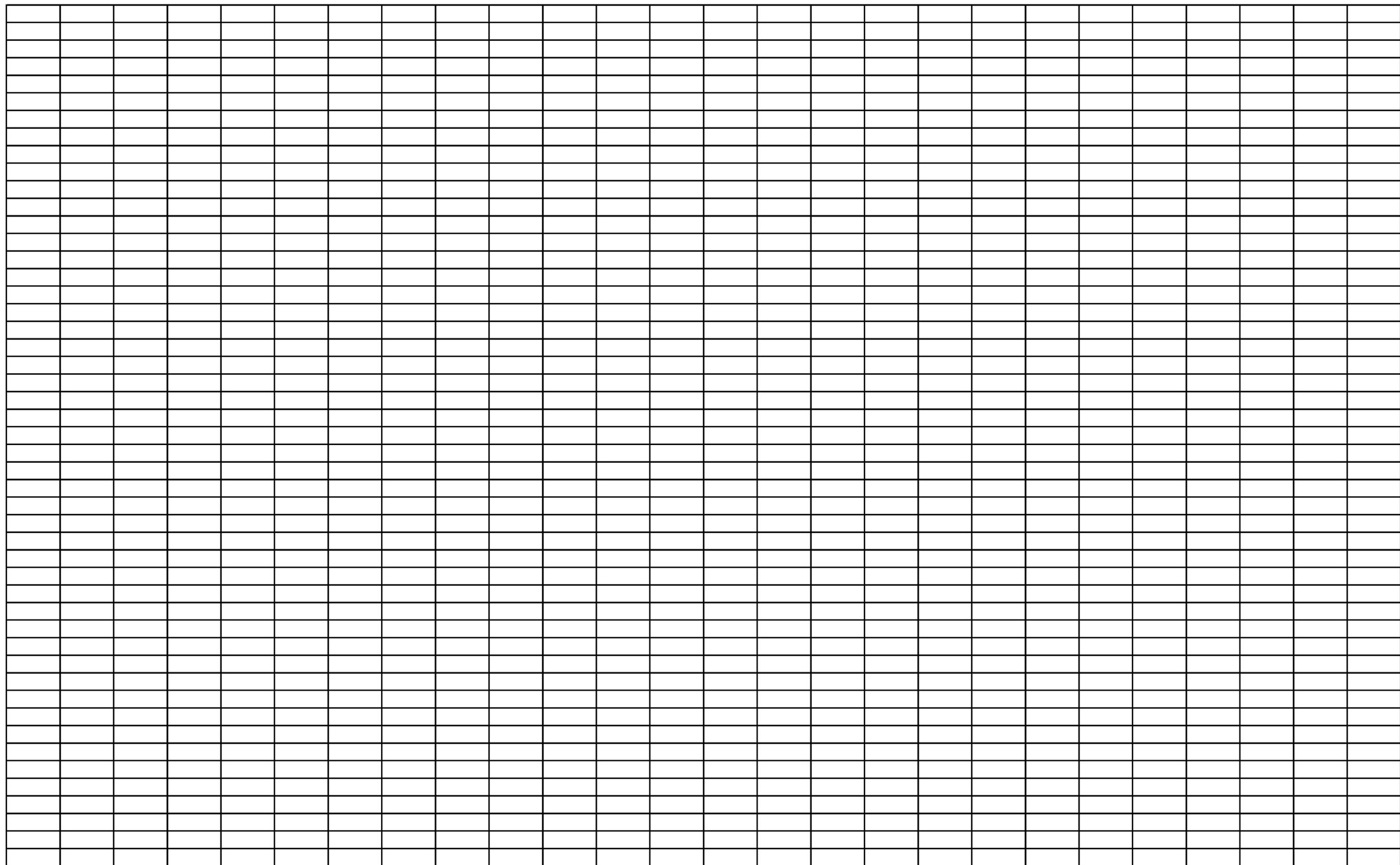


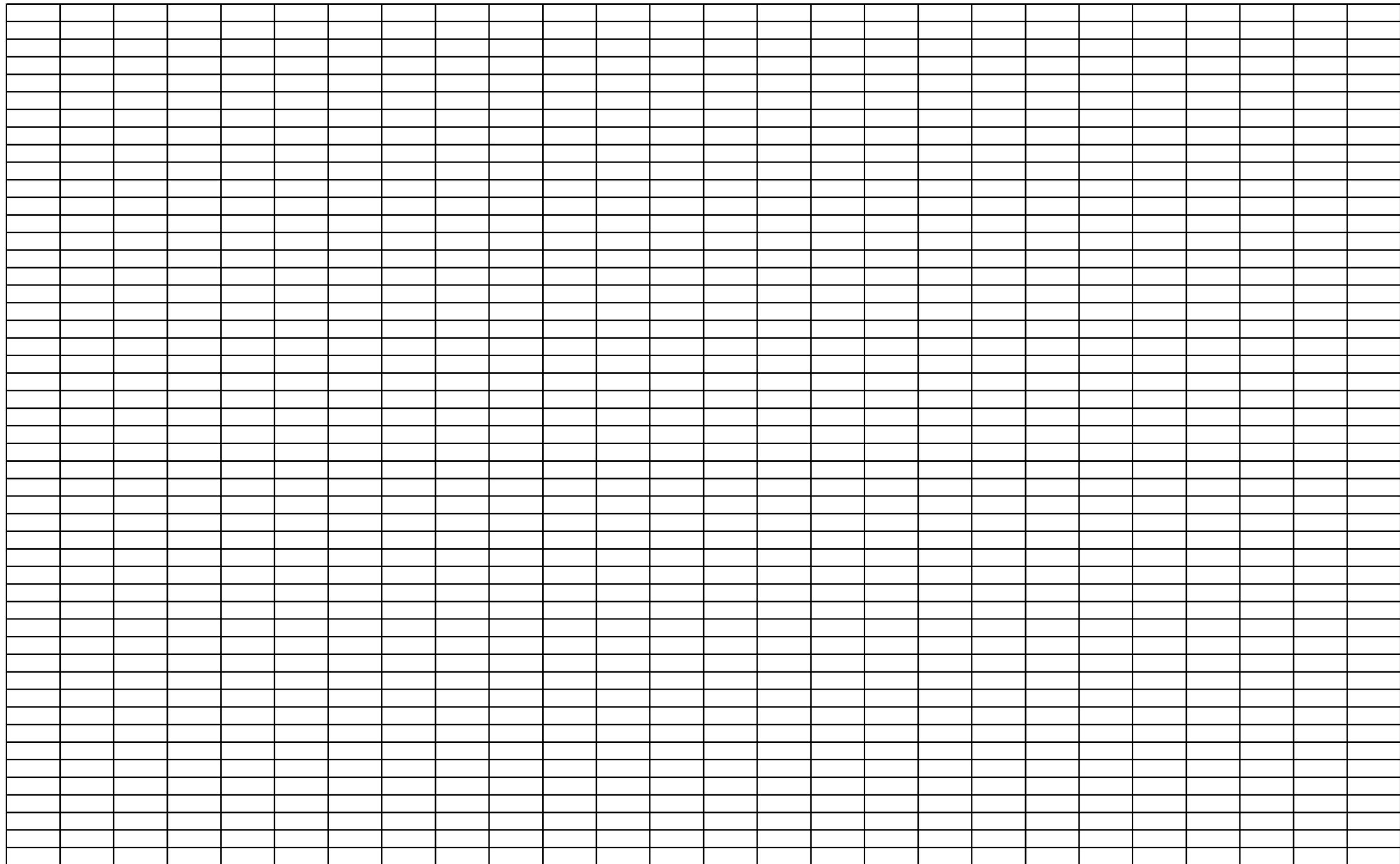


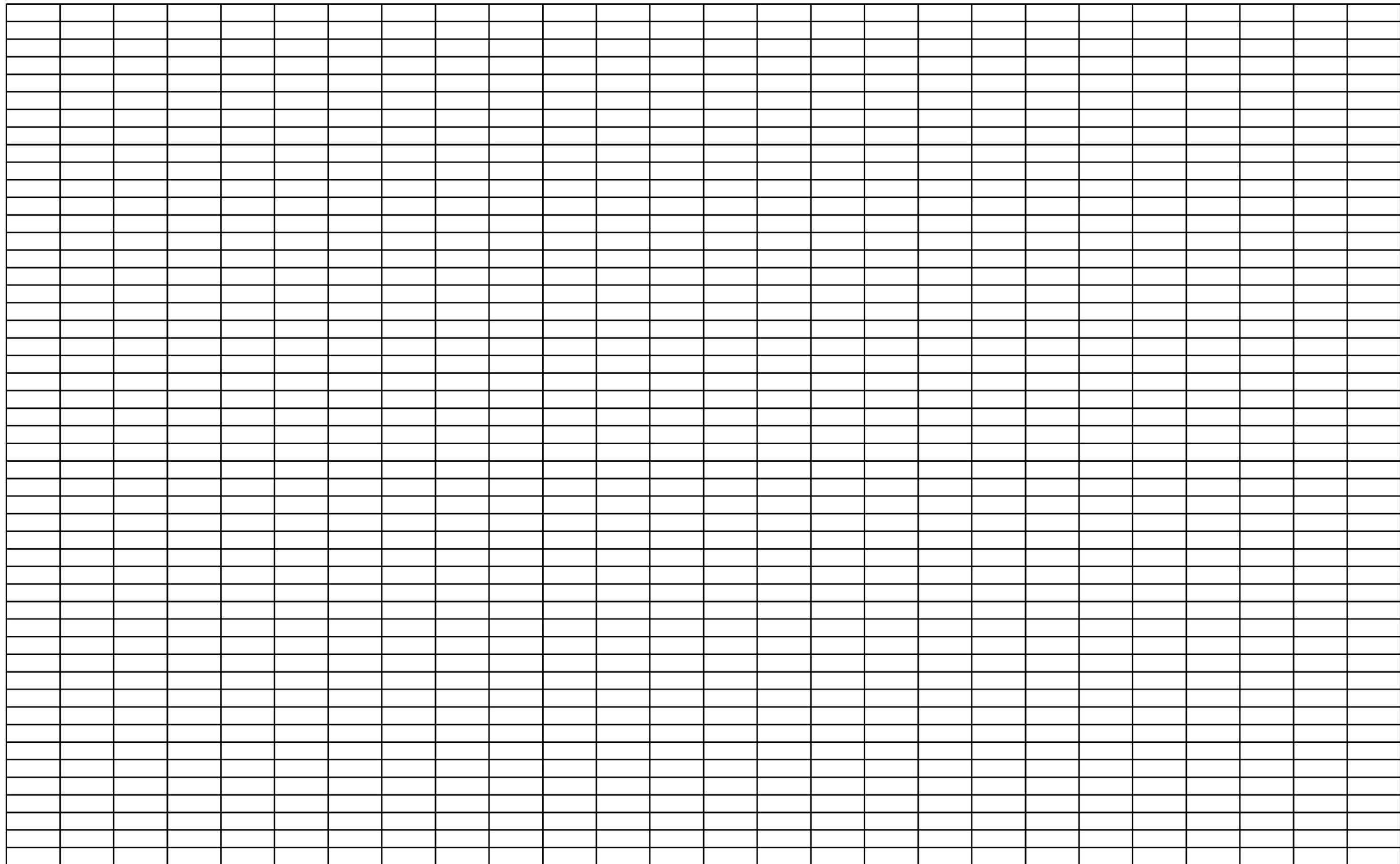


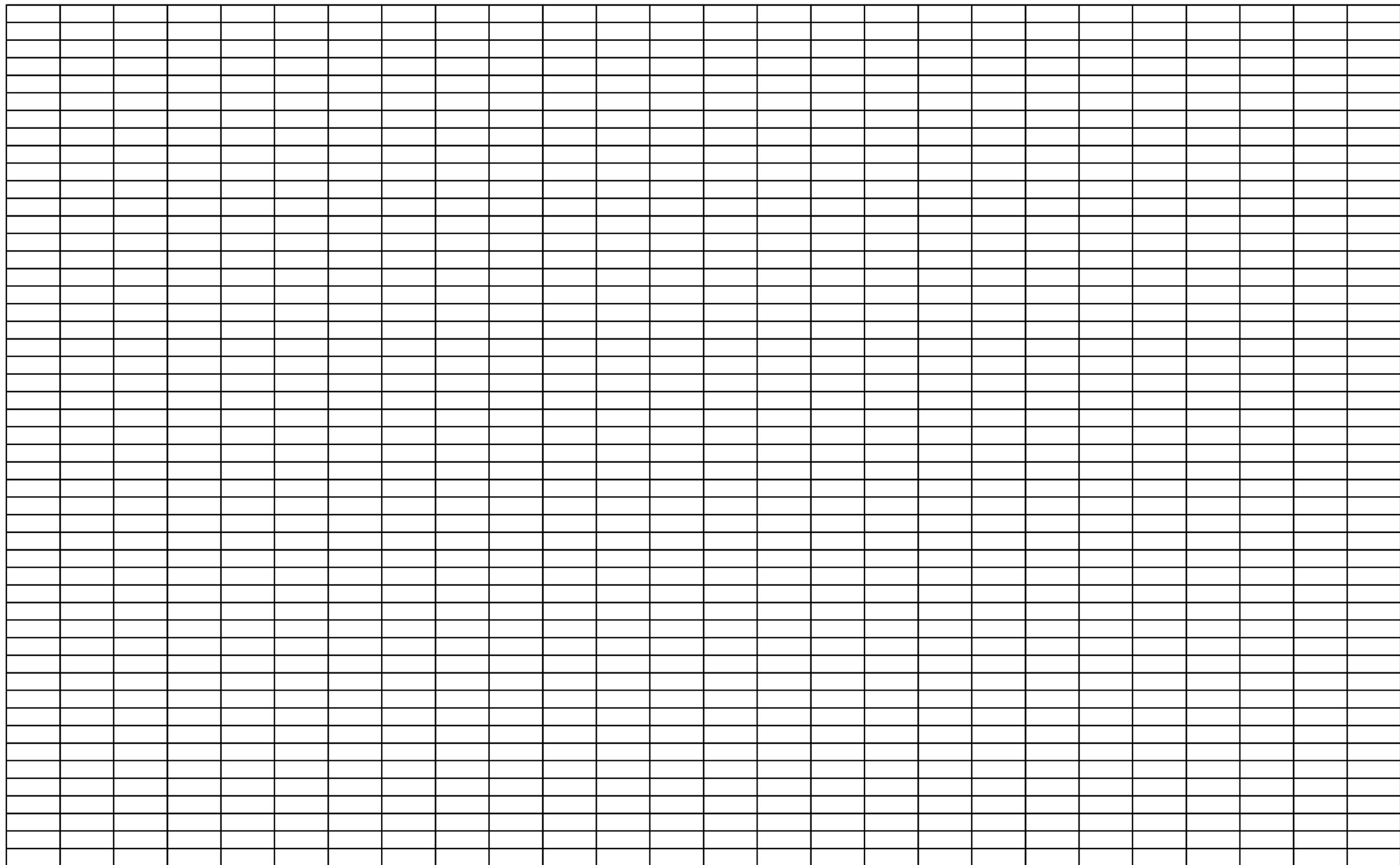


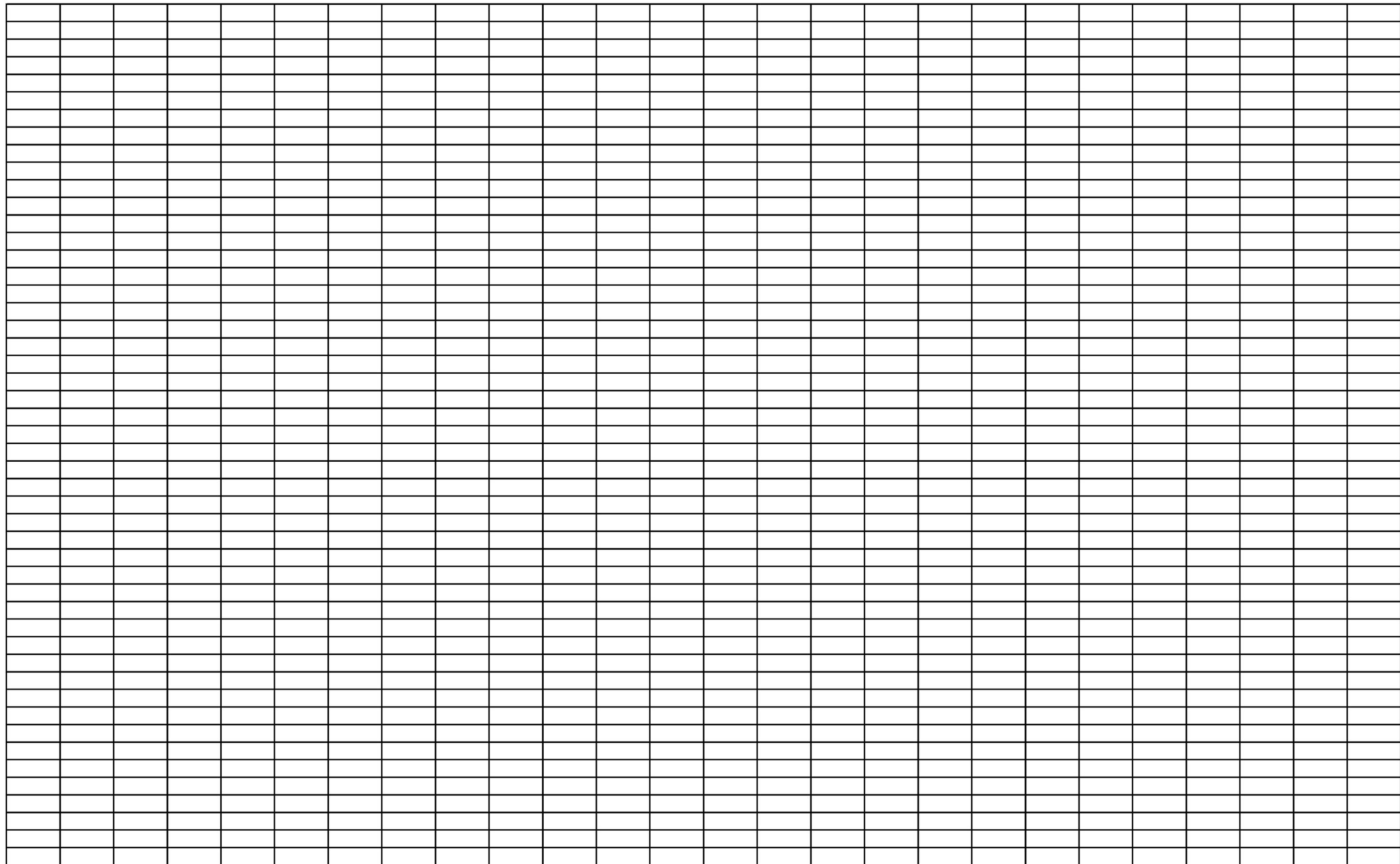


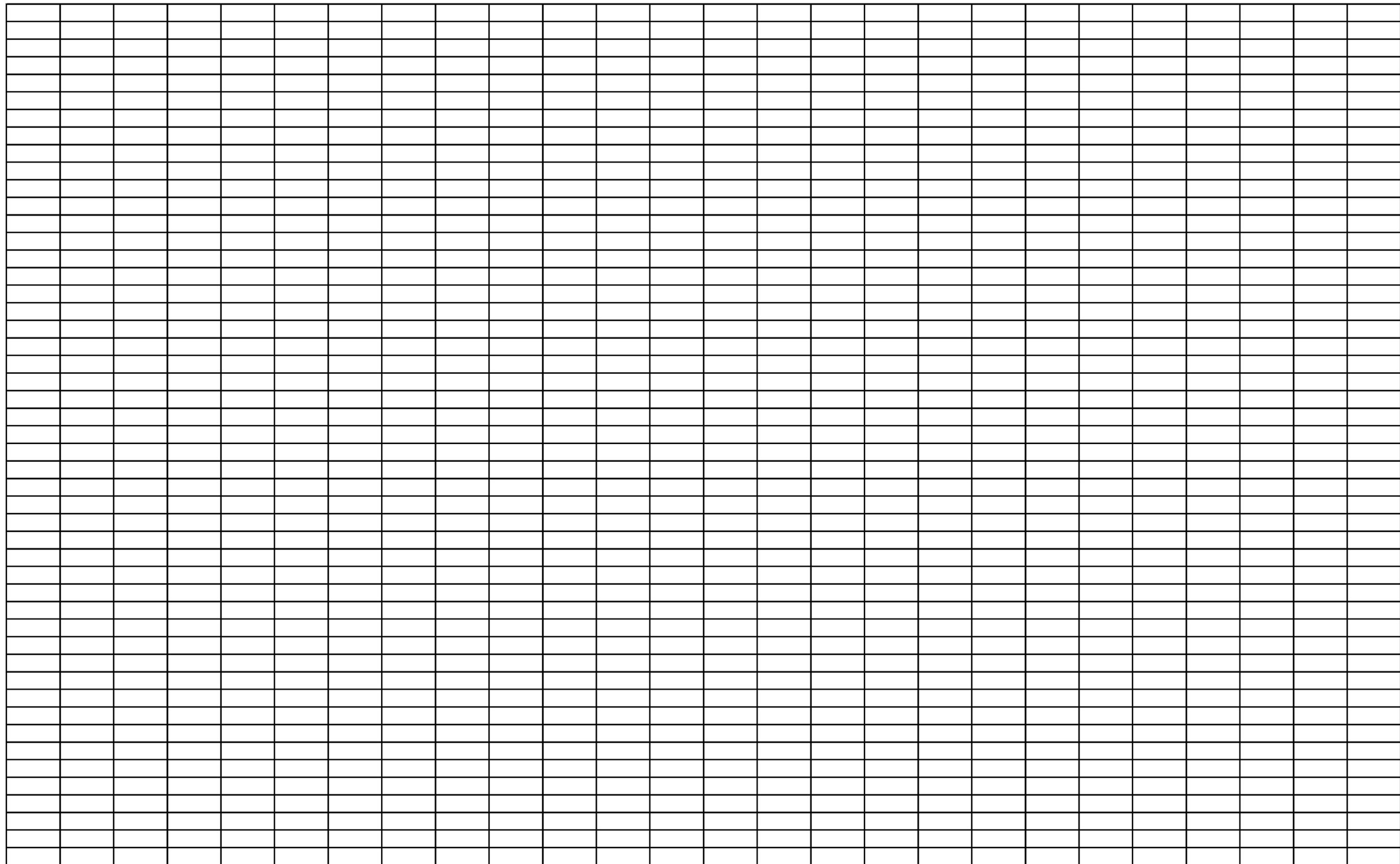












State of California
 California Energy Commission
ELECTRICITY RESOURCE PLANNING FORMS
CEC Form S-3: 2021 SMALL POU HOURLY LOADS



Eastside Power Authority

For Publicly Owned LSEs with Annual Peak Loads under 200 MW not submitting demand forms

If load is reported for more than one LSE, load for each LSE should be reported in a separate column

Report actual hourly demand in calendar year 2021, in megawatts, for each hour of each day.

Begin with the hour that ended at 1 a.m. on January 1, 2021.

Show the load measured at the balancing authority load take-out point (or points).

Add columns for any additional metered take-out points.

The time basis should be Pacific Standard Time (PST) throughout the entire year.

Adjustments for spring and fall daylight saving time have already been included in the form below.

Total MWh	25,188
Maximum	8
Average	3
Minimum	0

Date (PST)	Hour Ending (PST)	Recorded Demand at Take Out (MW)
1/1/2021	1	0.19
1/1/2021	2	0.18
1/1/2021	3	0.18
1/1/2021	4	0.18
1/1/2021	5	0.18
1/1/2021	6	0.18
1/1/2021	7	0.18
1/1/2021	8	0.18
1/1/2021	9	0.22
1/1/2021	10	0.24
1/1/2021	11	0.20
1/1/2021	12	0.18
1/1/2021	13	0.21
1/1/2021	14	0.20
1/1/2021	15	0.17
1/1/2021	16	0.17
1/1/2021	17	0.17
1/1/2021	18	0.18
1/1/2021	19	0.18
1/1/2021	20	0.18

1/1/2021	21	0.18
1/1/2021	22	0.18
1/1/2021	23	0.18
1/1/2021	24	0.21
1/2/2021	1	0.20
1/2/2021	2	0.17
1/2/2021	3	0.17
1/2/2021	4	0.17
1/2/2021	5	0.17

ELECTRICITY RESOURCE PLANNING FORMS

CEC Form S-5: Bilateral Contracts Table

Do not delete any rows or columns or change headers.

Eastside Power Authority



Yellow fills indicate confidentiality is being requested pursuant to Appendix A.

S-2 line	Contract Name:	Supplier / Seller:	Unit Contingent:	Generating Unit(s) Specified	Supply Resoucre(s) Delivery Zone/Point
6b	Solar: NextEra Whitney Point Solar	Nextera	Unit Contingent:	Whitney Point Solar	TH NP15
6c	Solar: Planned PPA	TerraGen	Unit Contingent:	New Solar under Negotiation	TH_SP15
5h	Other - WAPA Hydro - large and small	WAPA	Unit Contingent:	Various	Import at Tracy
7h	Shell	Shell	various	various	SP15

Contract Start Date	Contract Expiration Date	Capacity (MW) Under Contract:	Contract / Agreement Products
1/1/2017	12/31/2036	2	PPA
5/1/2025	6/30/2040	1	PPA
1/1/2005	12/31/2024	percent output	
1/1/2020	12/31/2021	15	