



# MY AMATEUR RADIO JOURNAL

By W3RON

Welcome to the first issue of the W3RON Amateur Radio Journal! Our mission is to guide you through the exciting journey of becoming an amateur radio operator. Whether you're just curious or ready to dive in, this journal is your go-to resource. We hope to provide you with the information, inspiration, and community connections you need to succeed in this amazing hobby. Happy reading and 73!

**Dr. Ron Tuman, W3RON**

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Getting into the amateur radio hobby can be a rewarding experience. The specific equipment you'll need depends on your interests within the hobby, but here's a basic list to get you started:

1. **Transceiver (Radio):** This is the core piece of equipment that allows you to transmit and receive signals. Consider the frequency bands you're interested in, as different transceivers cover different bands. VHF/UHF (2m/70cm) transceivers are popular for local communication, while HF transceivers allow for longer-distance communication.
2. **Antenna:** The choice of antenna depends on the frequency bands you want to operate on and your living situation. A basic dipole antenna is a good starting point for many beginners, but other types such as vertical antennas or Yagi antennas might be appropriate depending on your needs.
3. **Power Supply:** You'll need a power supply to provide the necessary electrical power to your transceiver. Make sure it matches the power requirements of your transceiver.
4. **Coaxial Cable:** To connect your transceiver to the antenna, you'll need coaxial cable. The type and length depend on your setup.
5. **SWR Meter (Standing Wave Ratio Meter):** This tool helps you tune your antenna for optimal performance by measuring the SWR of your transmission line.
6. **Antenna Tuner (Optional):** An antenna tuner can help match the impedance of your antenna system to that of your transceiver, allowing for better performance.
7. **Headphones or External Speaker:** For comfortable listening during extended operating sessions.
8. **Microphone and/or Key (for Morse Code):** Depending on your preferred mode of communication, you'll need a microphone for voice communication or a key for Morse Code.
9. **Grounding Equipment:** A good grounding system is important for safety and can help protect your equipment from lightning strikes.
10. **License and Study Material:** Before you start transmitting, you'll need to obtain an amateur radio license. Study materials are available to help you prepare for the exam.
11. **Logbook:** Keep a logbook to record your contacts, frequencies, and other relevant information.
12. **Computer or Logging Software:** While not necessary, logging software can make it easier to keep track of your contacts and log important information.

Remember that the specific equipment you need may vary based on your interests and the type of communication you want to engage in. It's also a good idea to connect with local amateur radio clubs or communities for advice and support as you get started.

## Amateur Radio Equipment Inventory

Owner/Operator: \_\_\_\_\_

Date: \_\_\_\_\_

### Transceiver Information

Transceiver Model: \_\_\_\_\_

Manufacturer: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Notes/Comments: \_\_\_\_\_

### Antenna Information

Antenna Type: \_\_\_\_\_

Manufacturer: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Notes/Comments: \_\_\_\_\_

### Power Supply

Power Supply Model: \_\_\_\_\_

Manufacturer: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Notes/Comments: \_\_\_\_\_

### SWR Meter

SWR Meter Model: \_\_\_\_\_

Manufacturer: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Notes/Comments: \_\_\_\_\_

### Antenna Tuner (if applicable)

Tuner Model: \_\_\_\_\_

Manufacturer: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Notes/Comments: \_\_\_\_\_

### Accessories

Microphone: \_\_\_\_\_

Key (for Morse Code): \_\_\_\_\_

Headphones/Speaker: \_\_\_\_\_

Other Accessories: \_\_\_\_\_

Notes/Comments: \_\_\_\_\_

### Computer/Logging Software

Computer Model: \_\_\_\_\_

Logging Software: \_\_\_\_\_

Notes/Comments: \_\_\_\_\_

### Grounding Equipment

Grounding System Type: \_\_\_\_\_

Manufacturer: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Installation Date: \_\_\_\_\_

Notes/Comments: \_\_\_\_\_

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Notes/Comments: \_\_\_\_\_

[illegible]

STATION CALLSIGN: \_\_\_\_\_

[illegible]

Mode: AM, FM, LSB, USB, CW, HF etc...

STATION CALLSIGN: \_\_\_\_\_

## Log Sheet

[illegible]

Mode: AM, FM, LSB, USB, CW, HF etc...

**\*\*Additional Notes/Comments\*\***

[illegible]



STATION CALLSIGN: \_\_\_\_\_

## Log Sheet

[illegible]

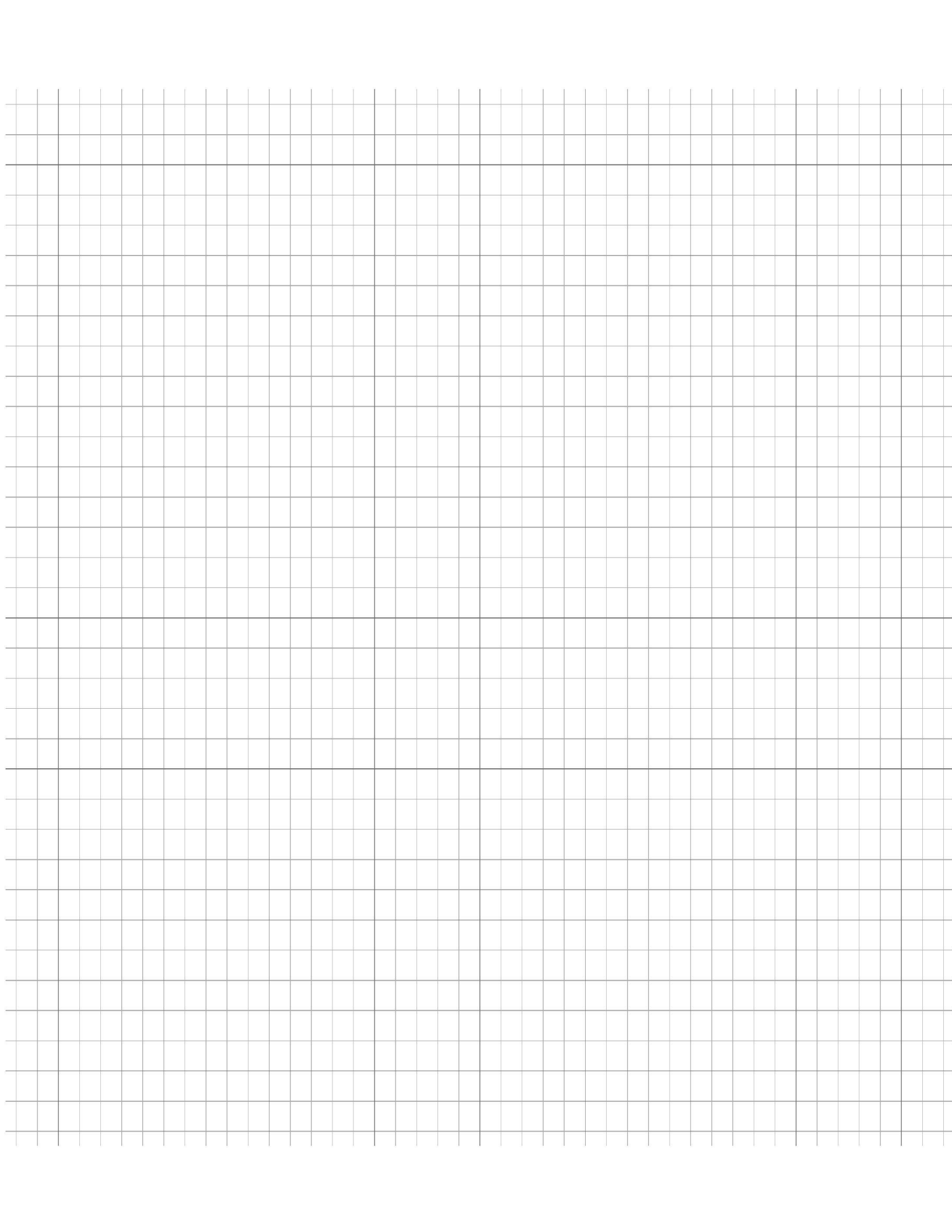
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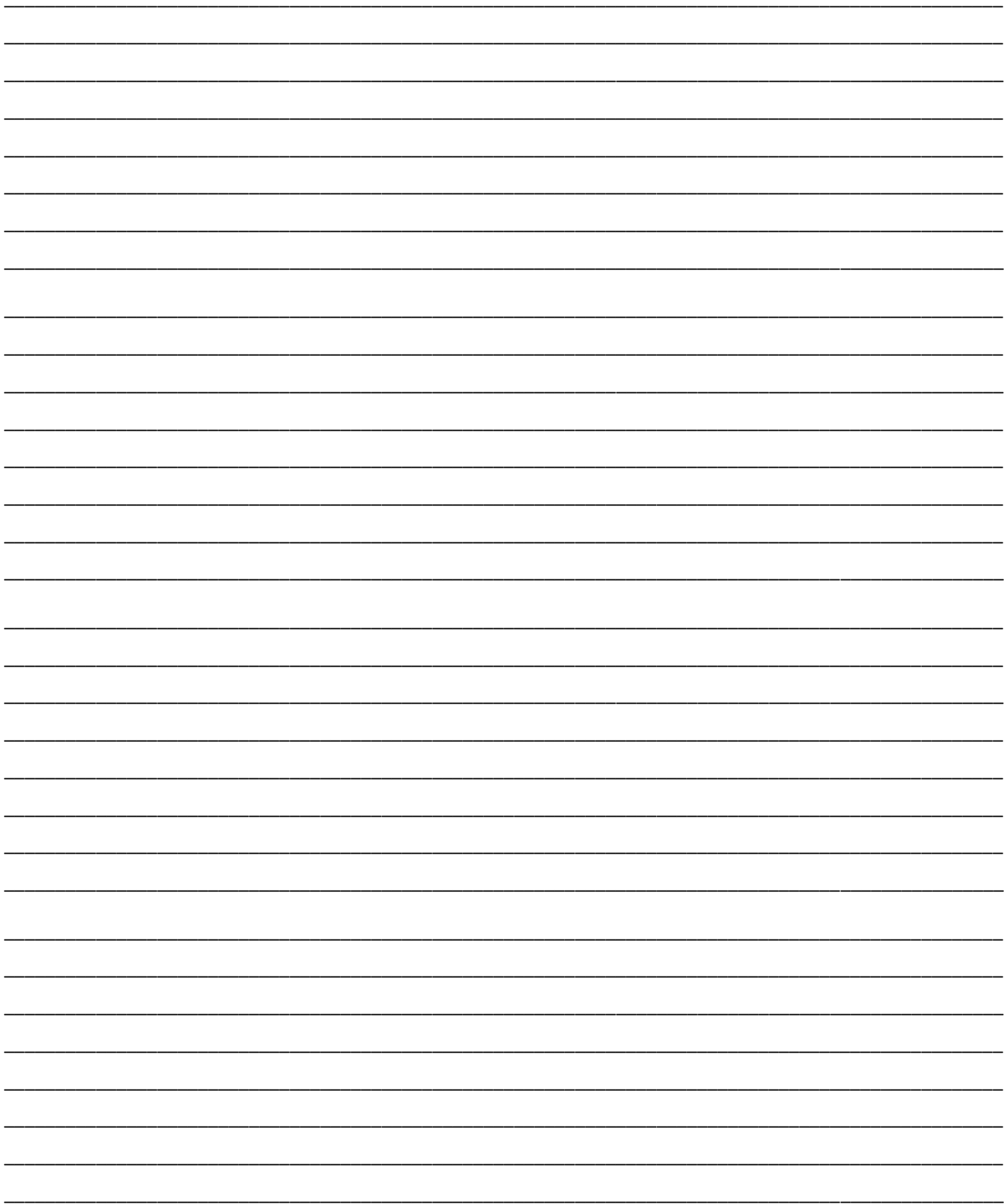
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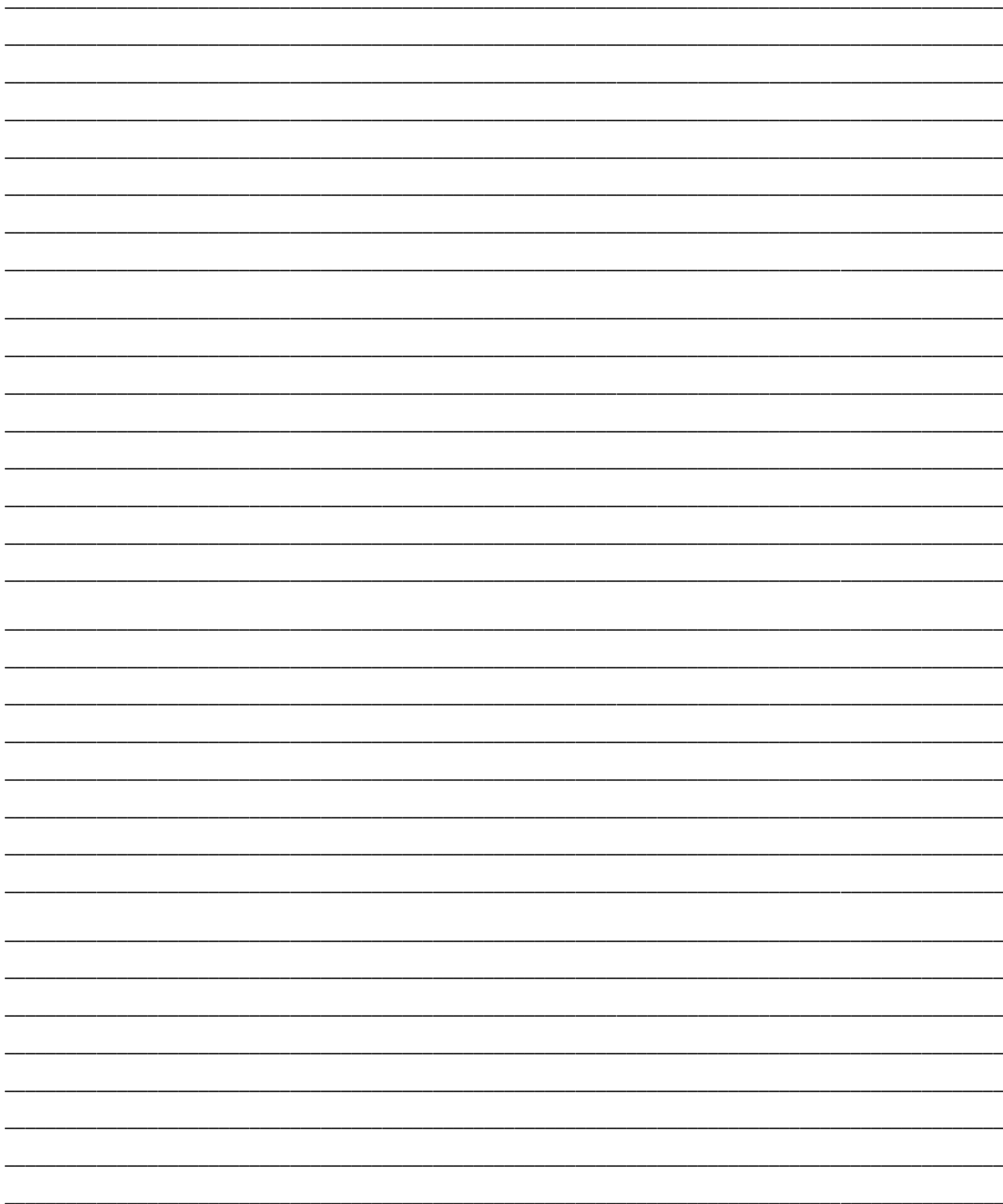
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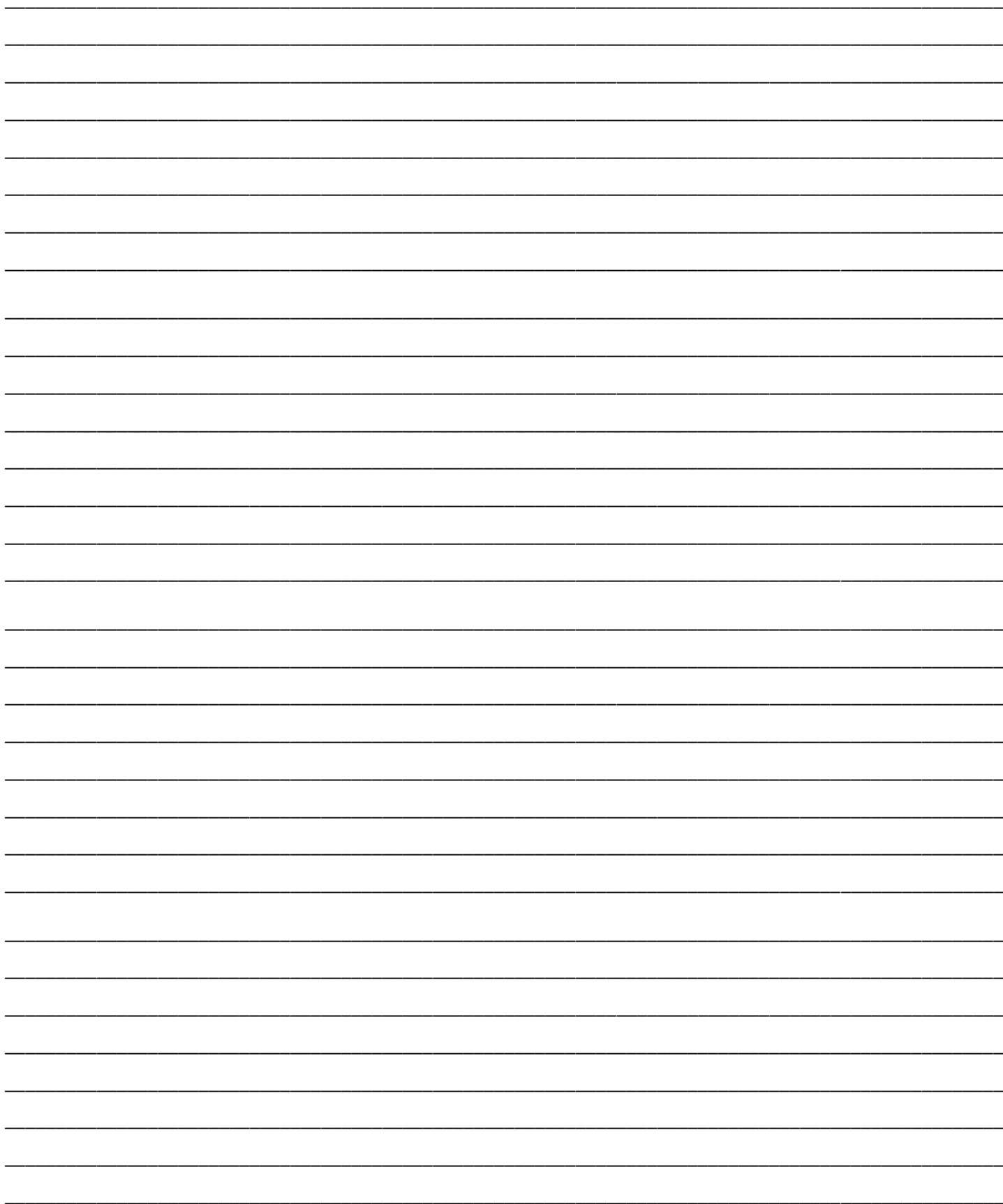
DESIGN YOUR PROJECTS USING GRAPH PAPER

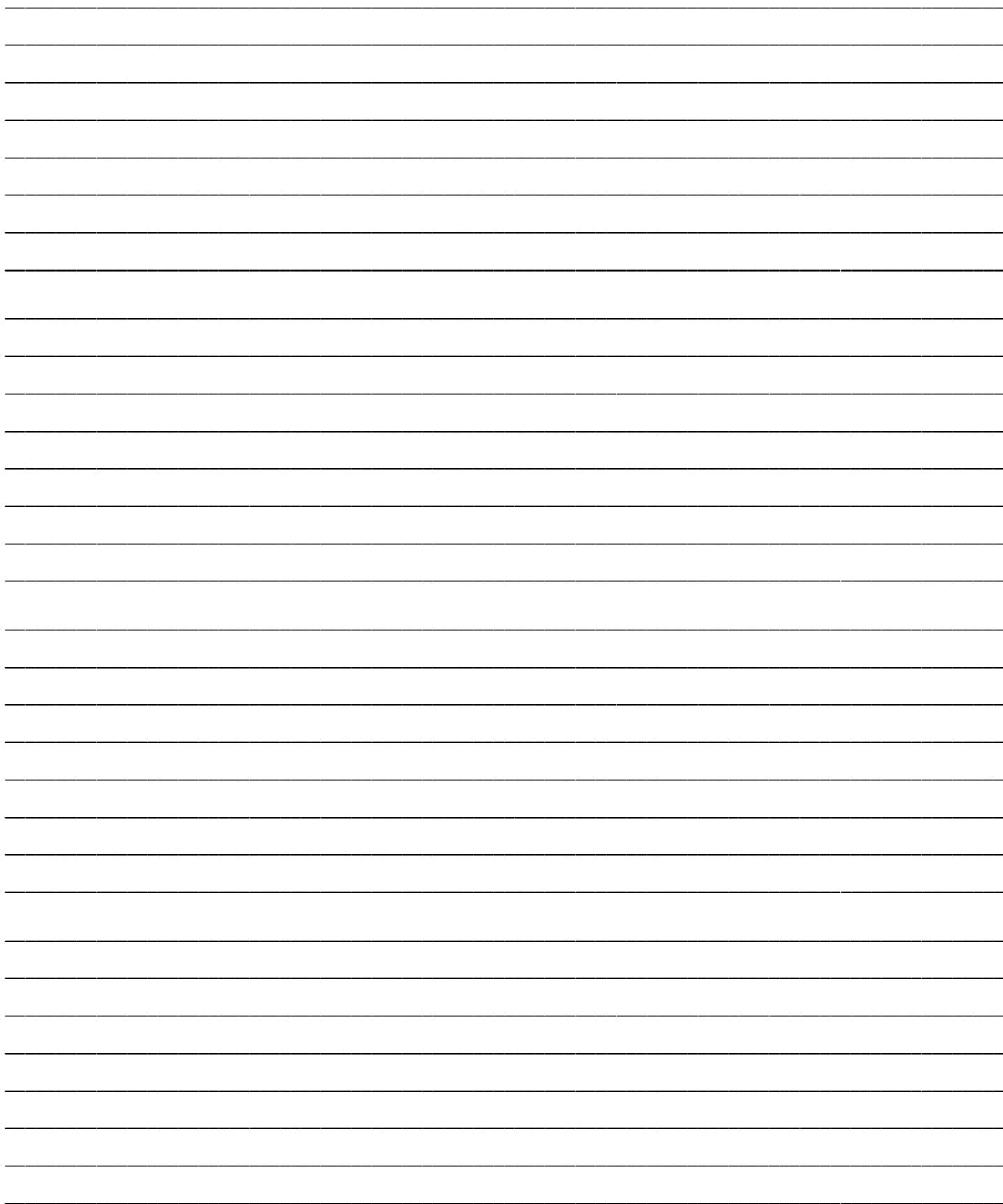


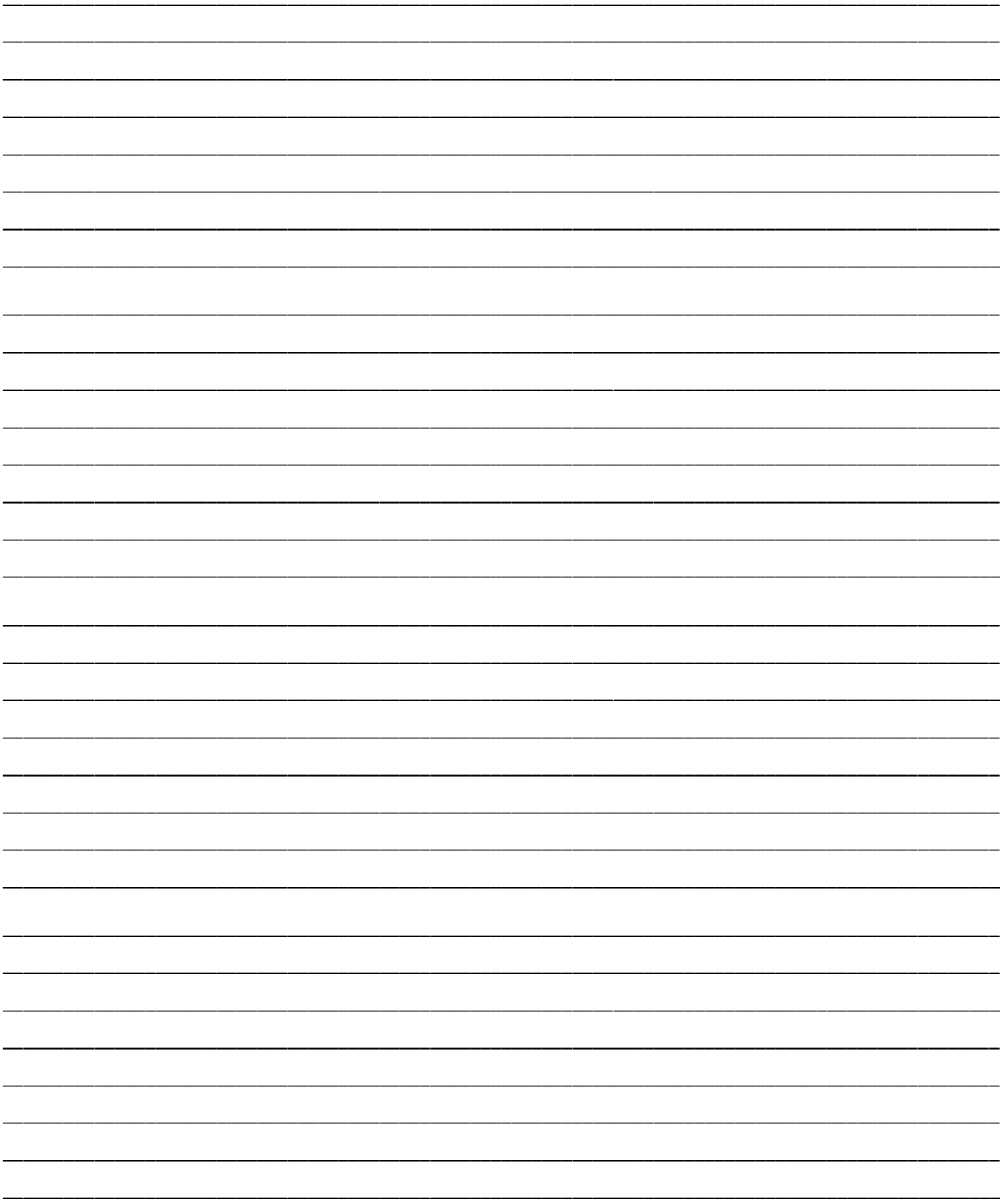




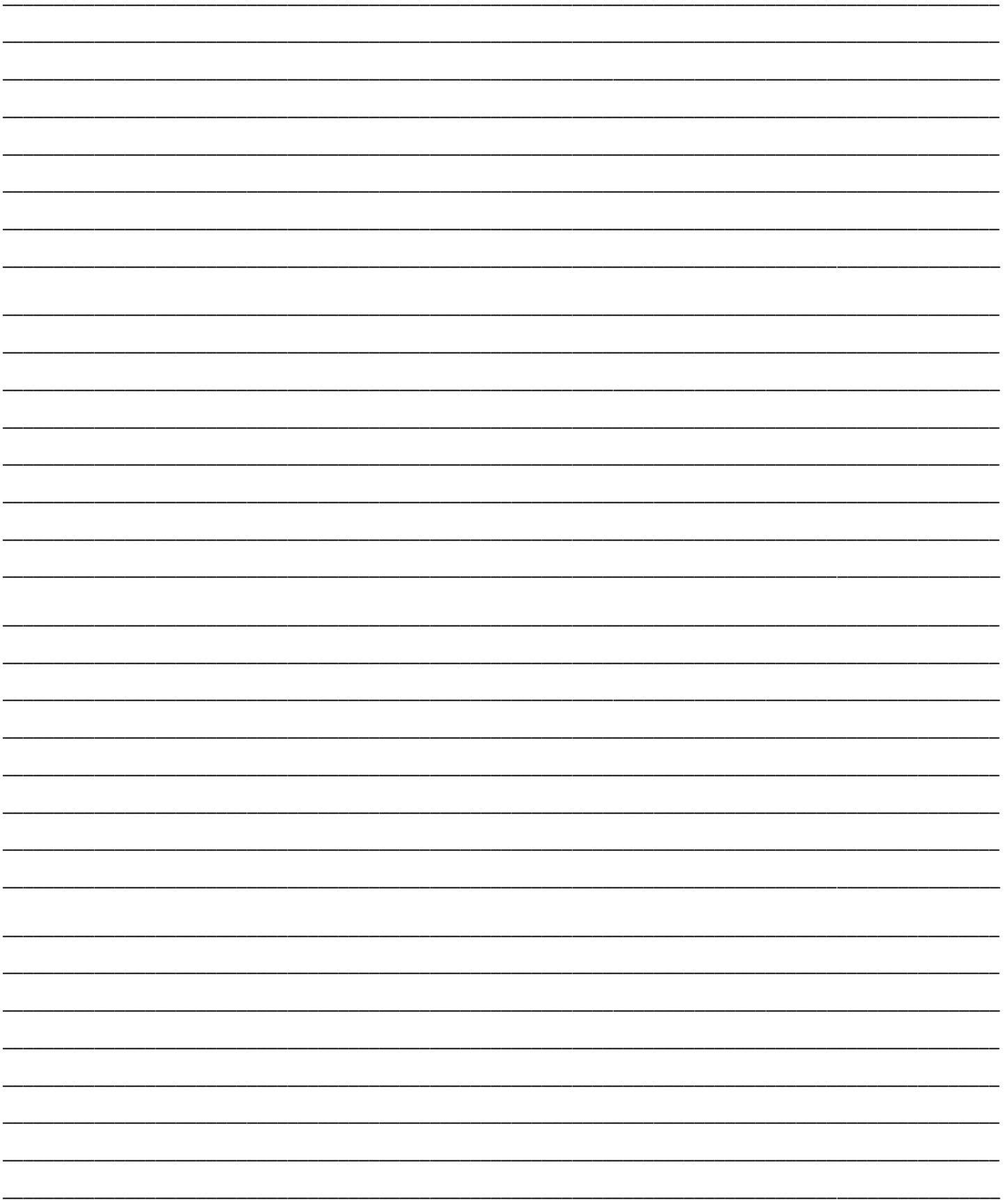


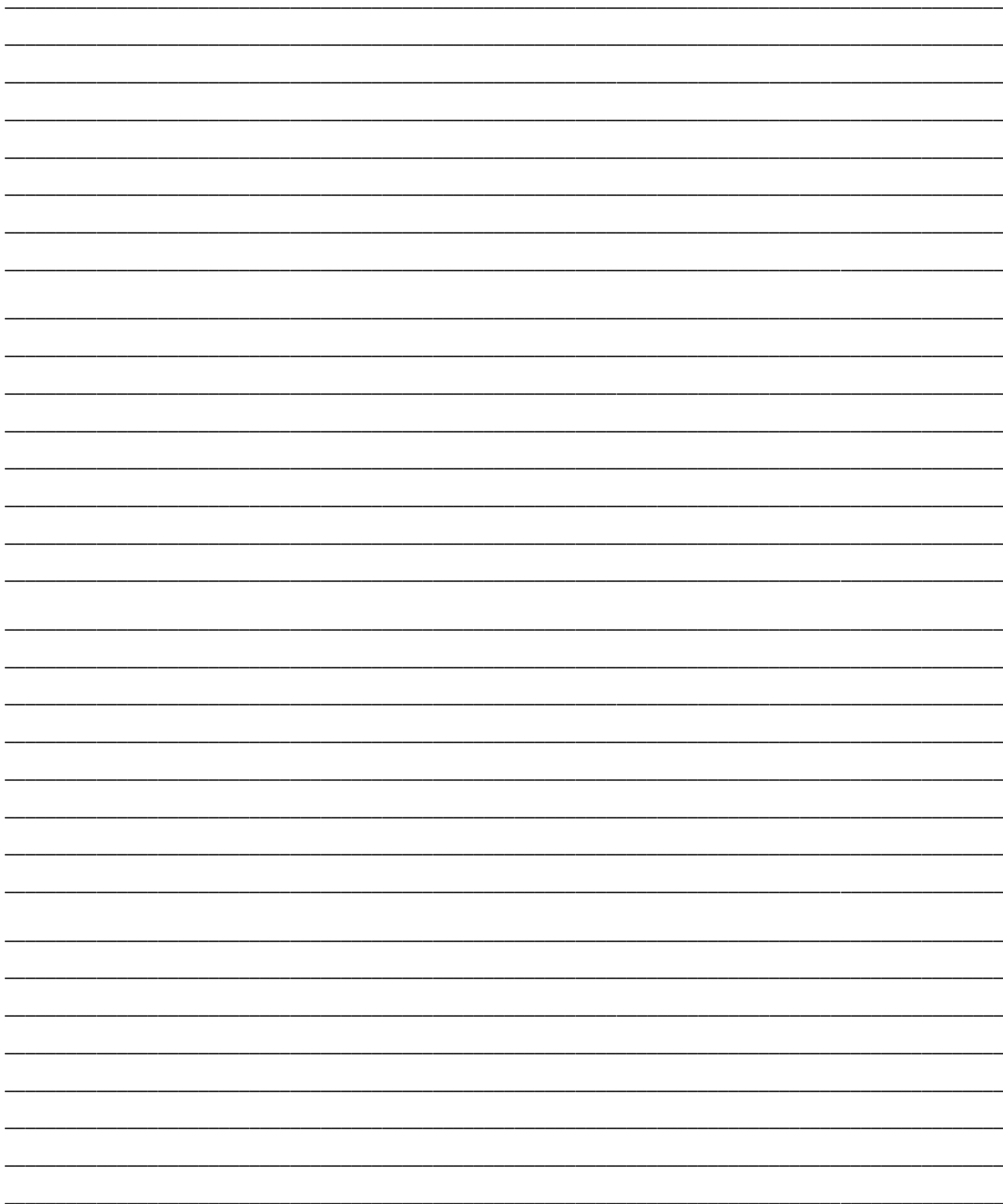


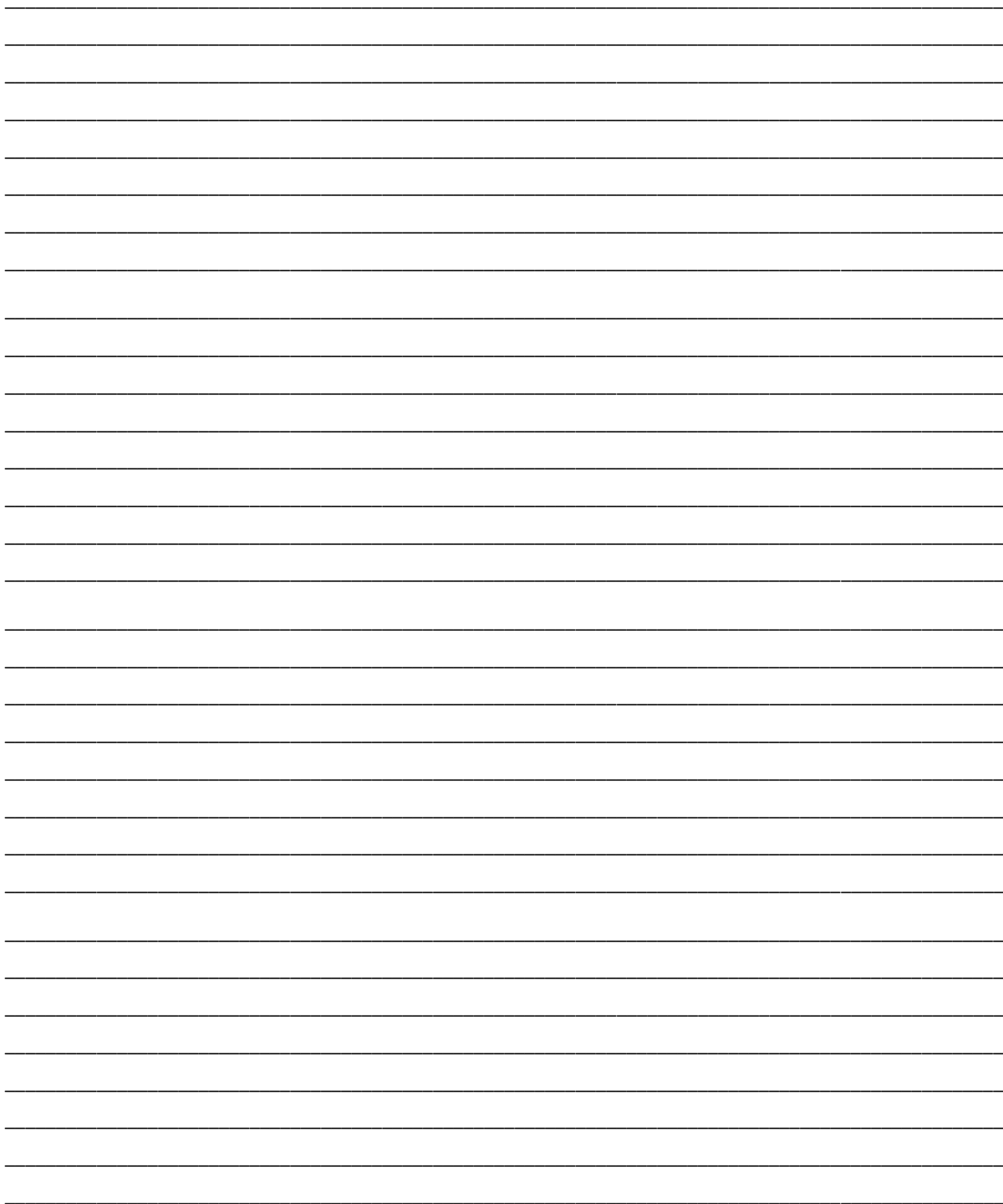


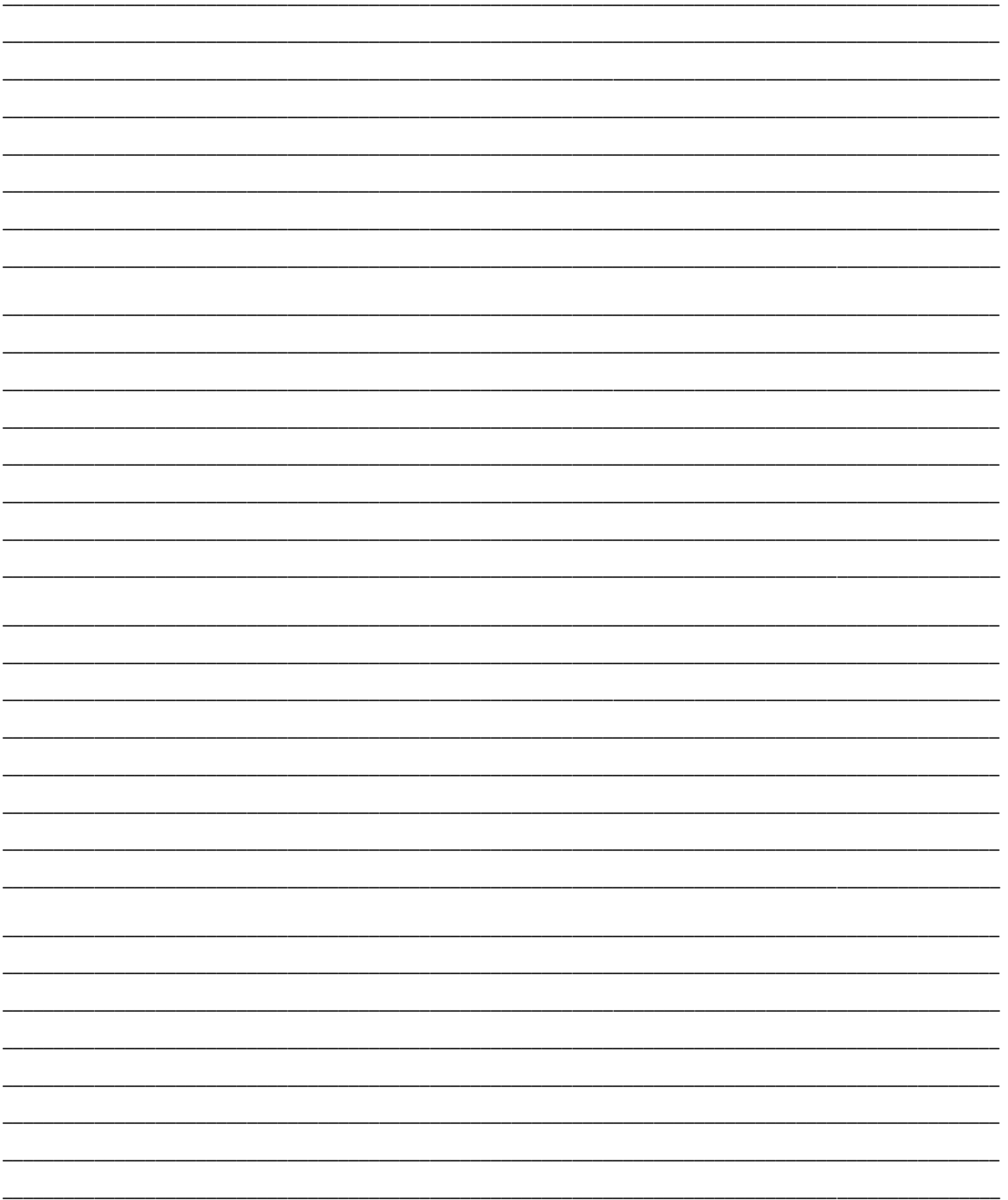


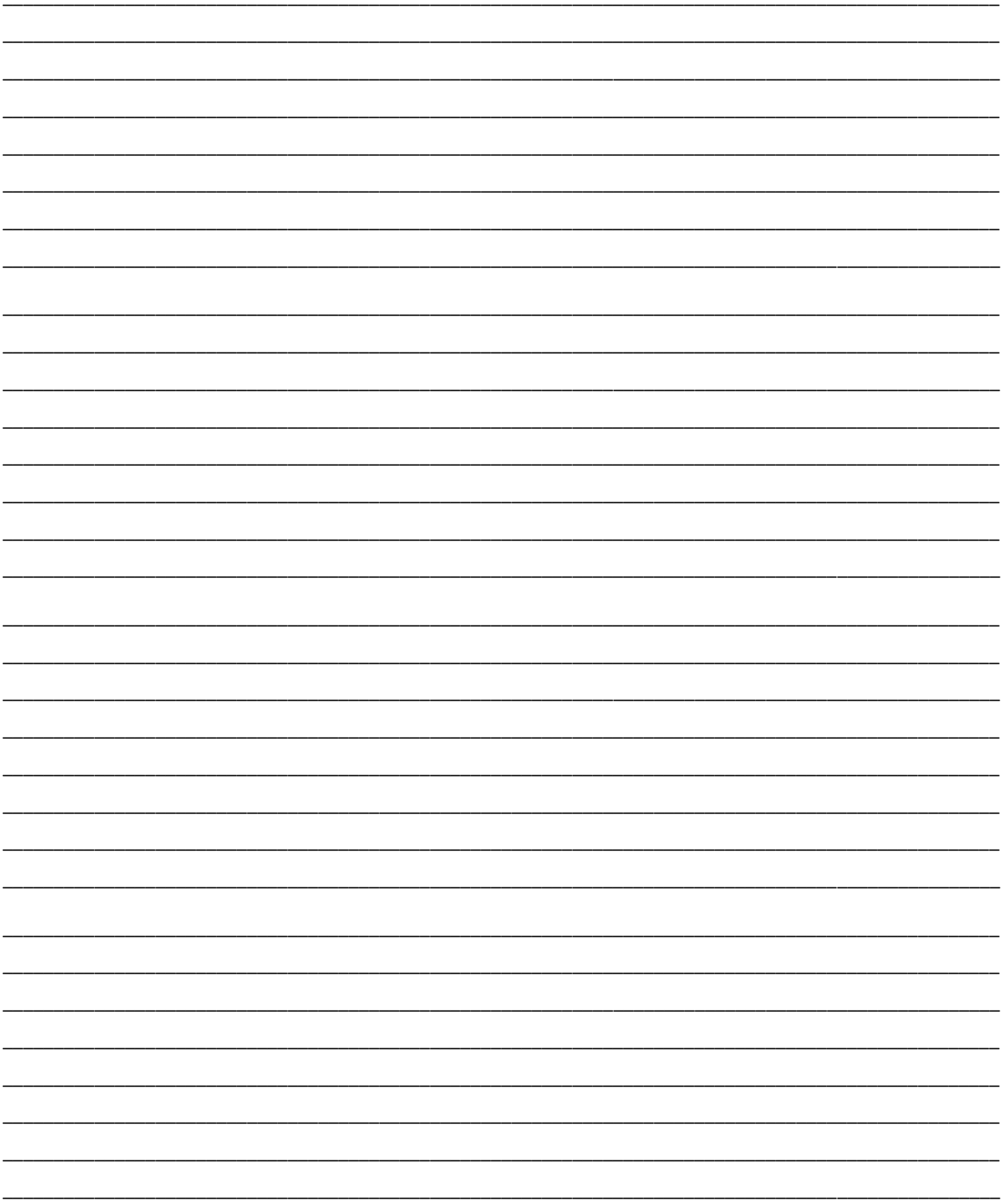


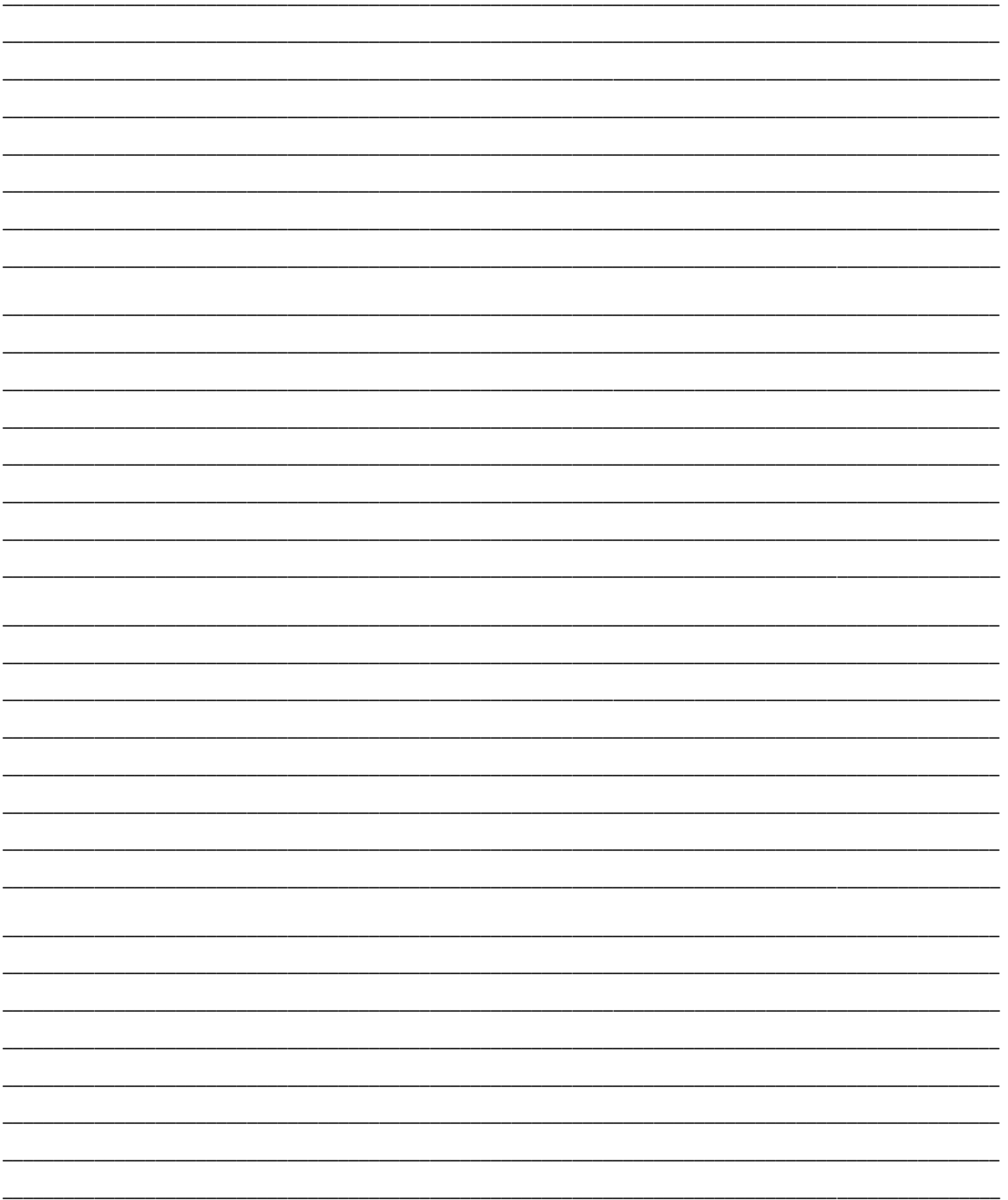


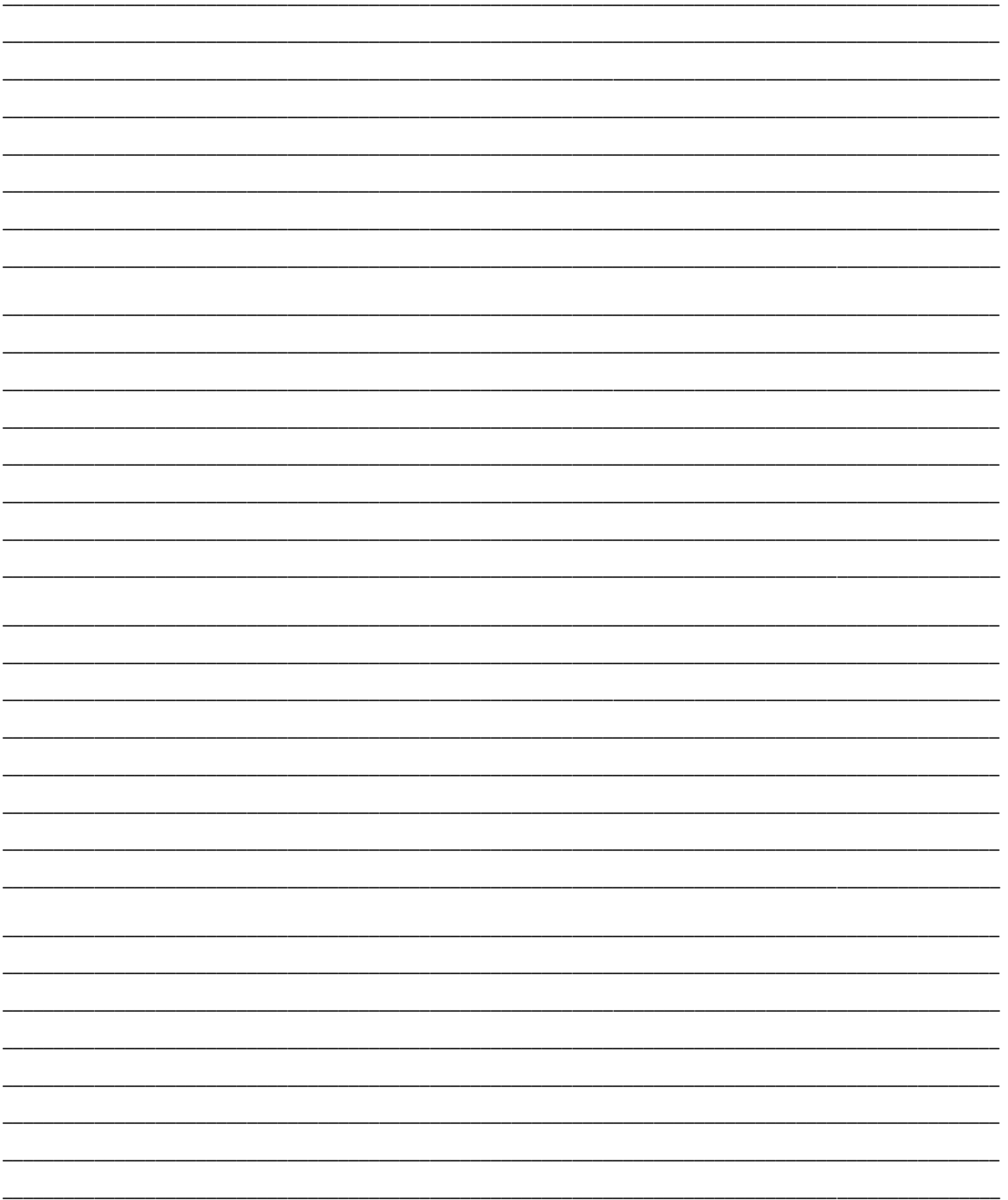


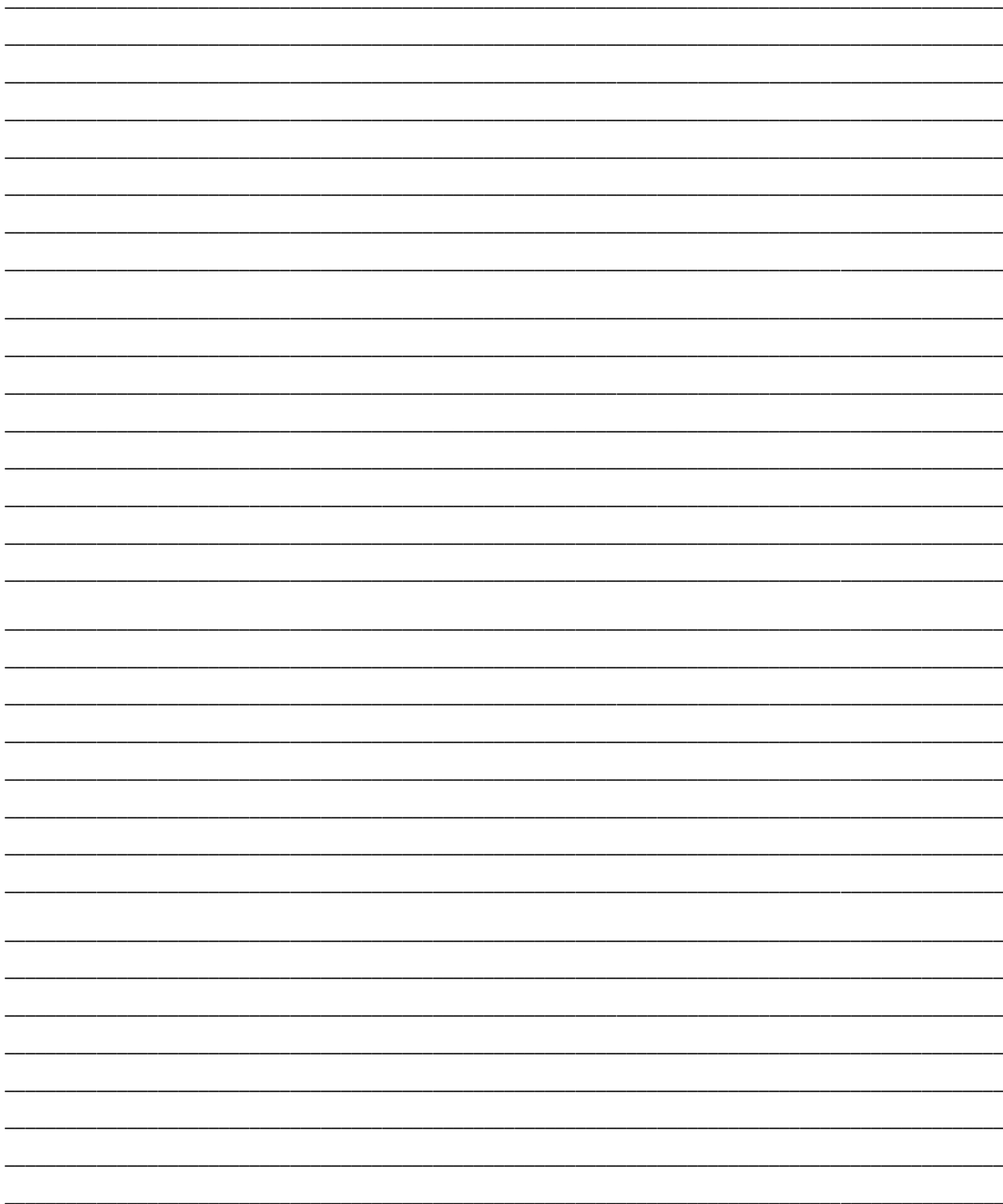




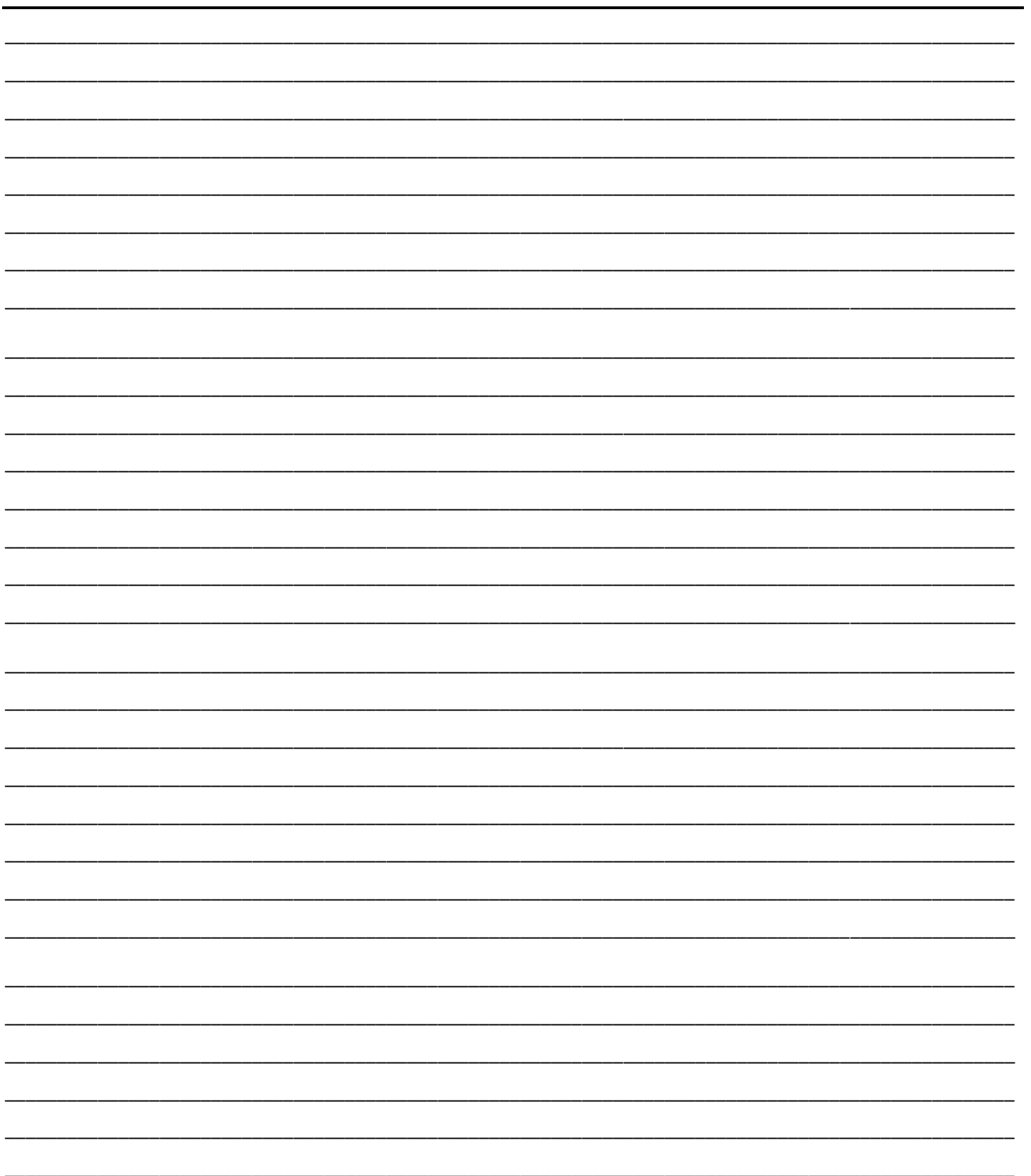


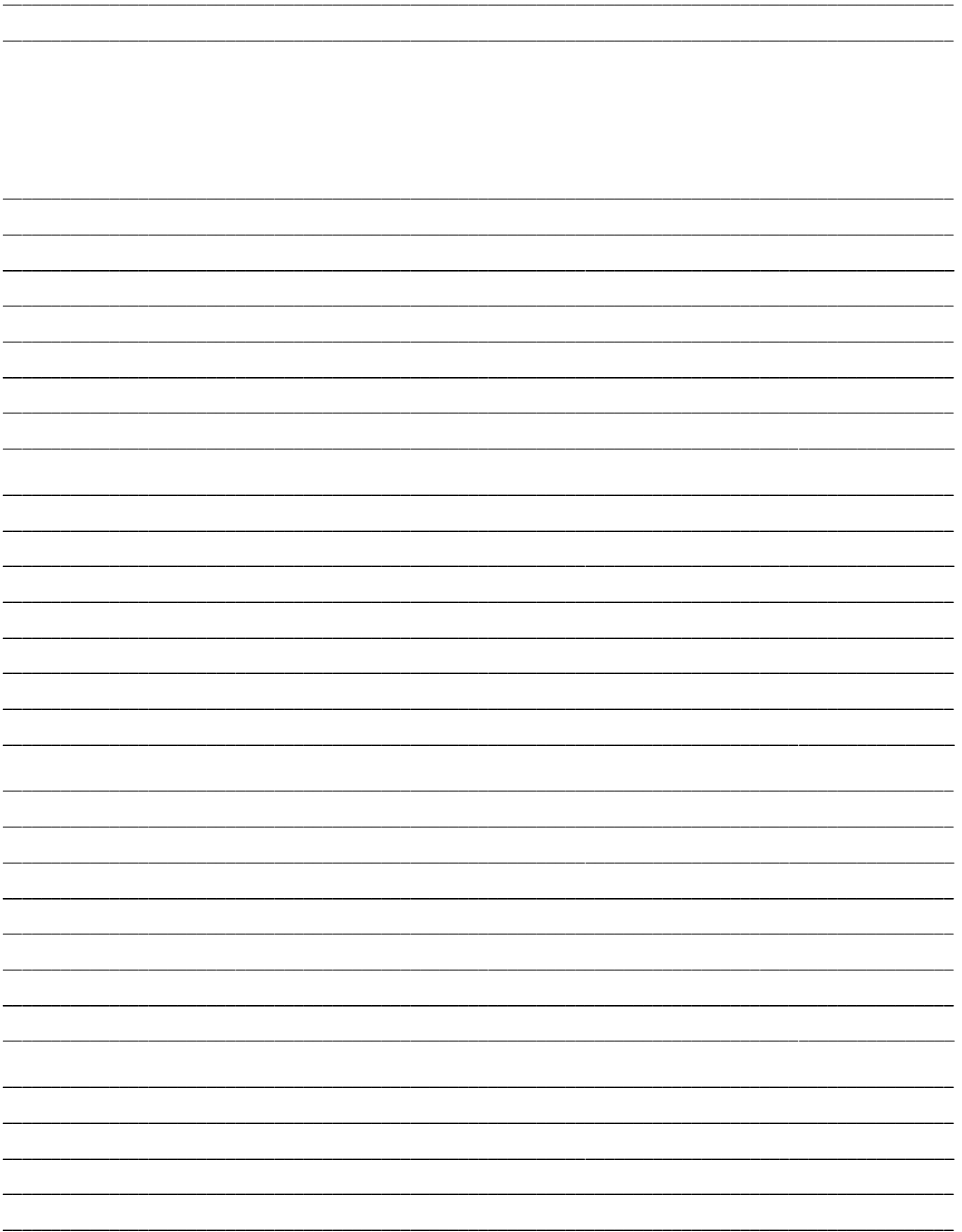


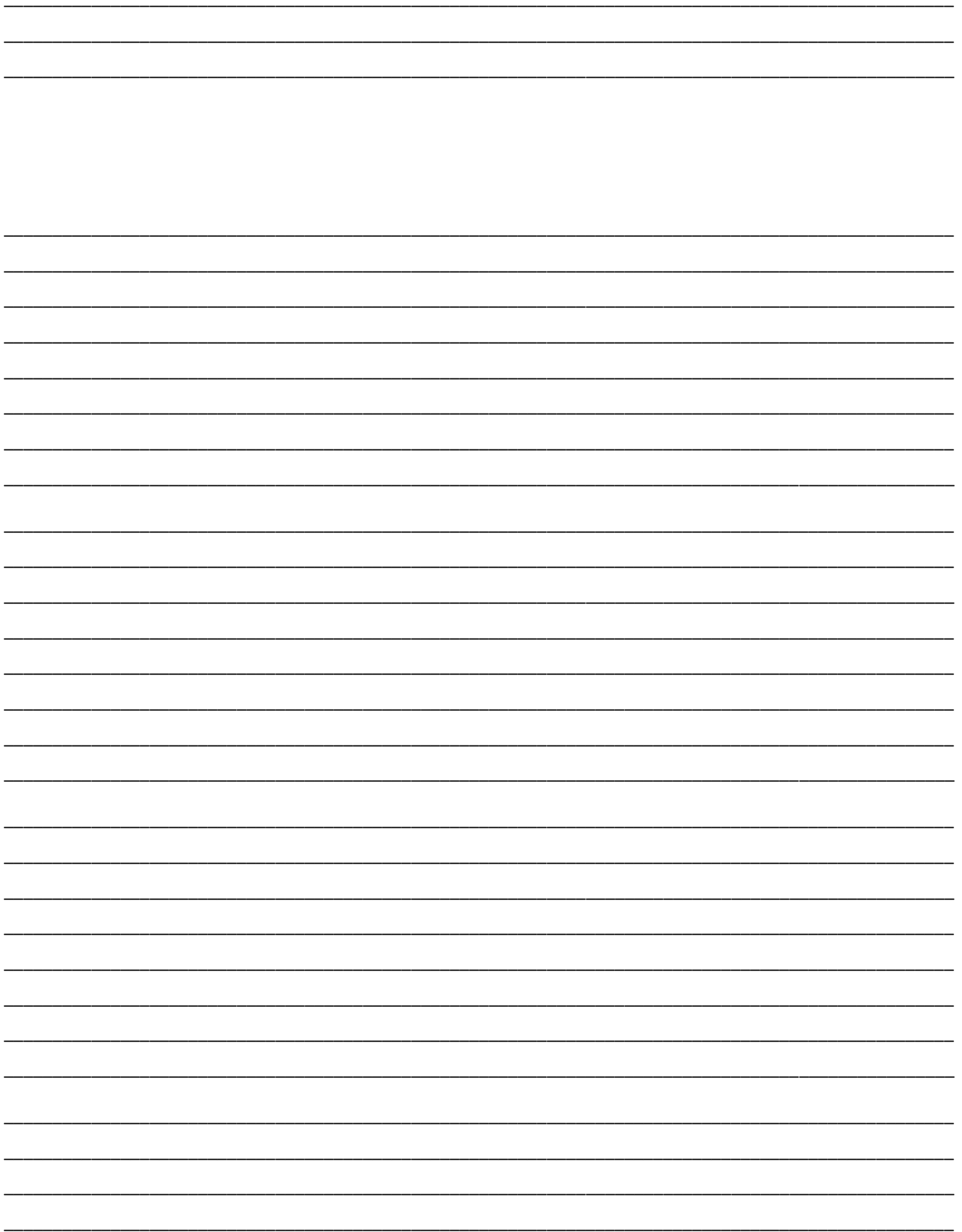


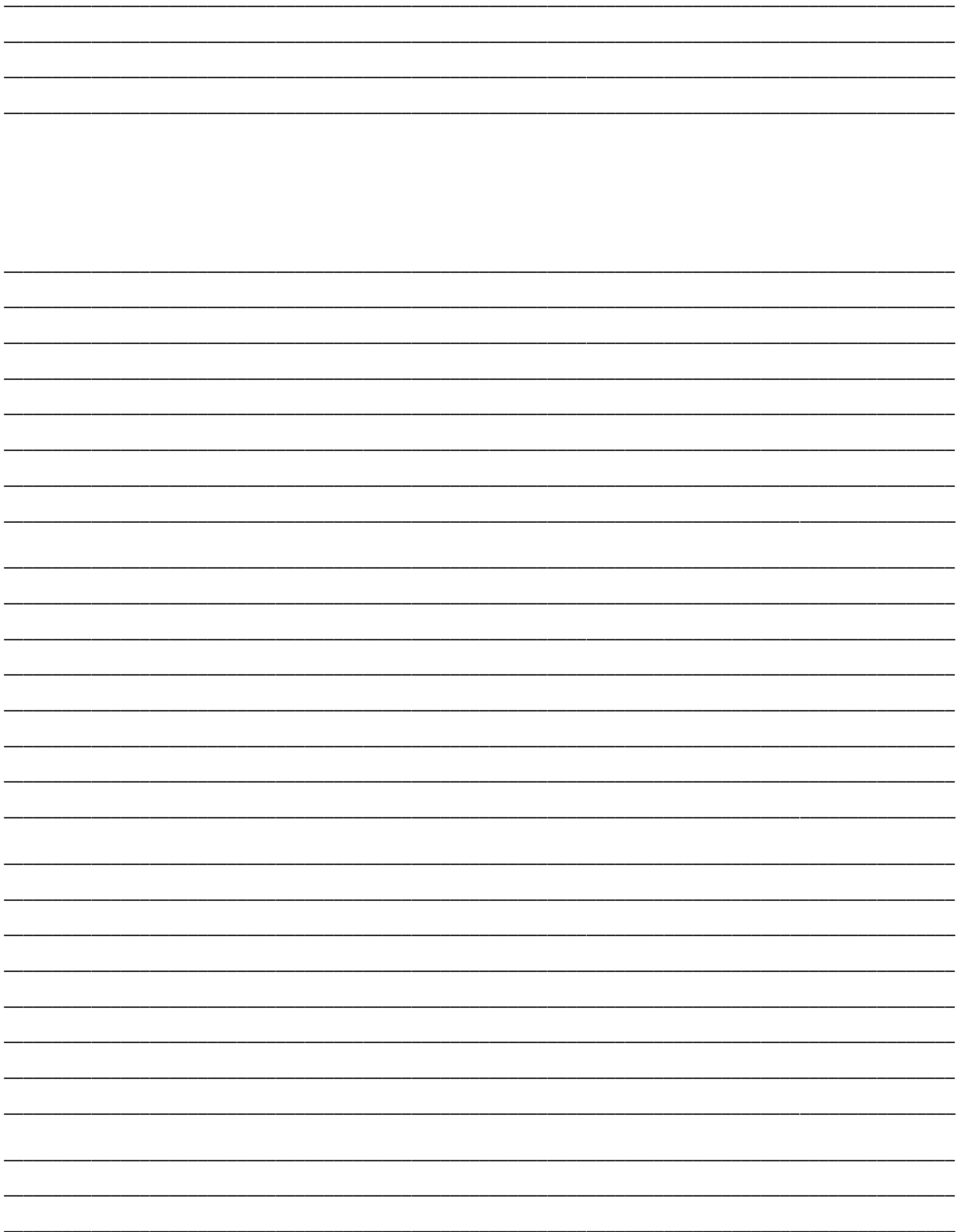


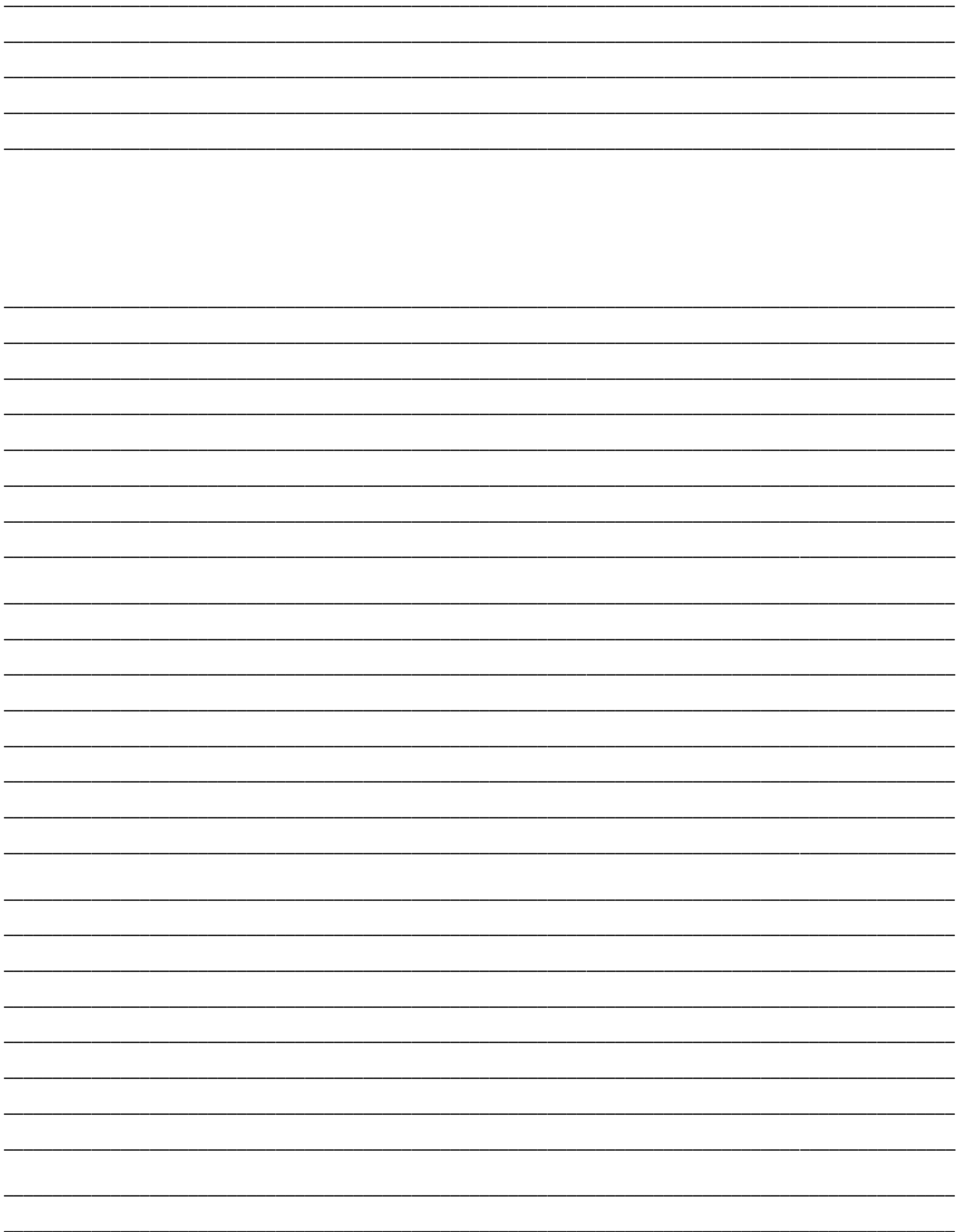


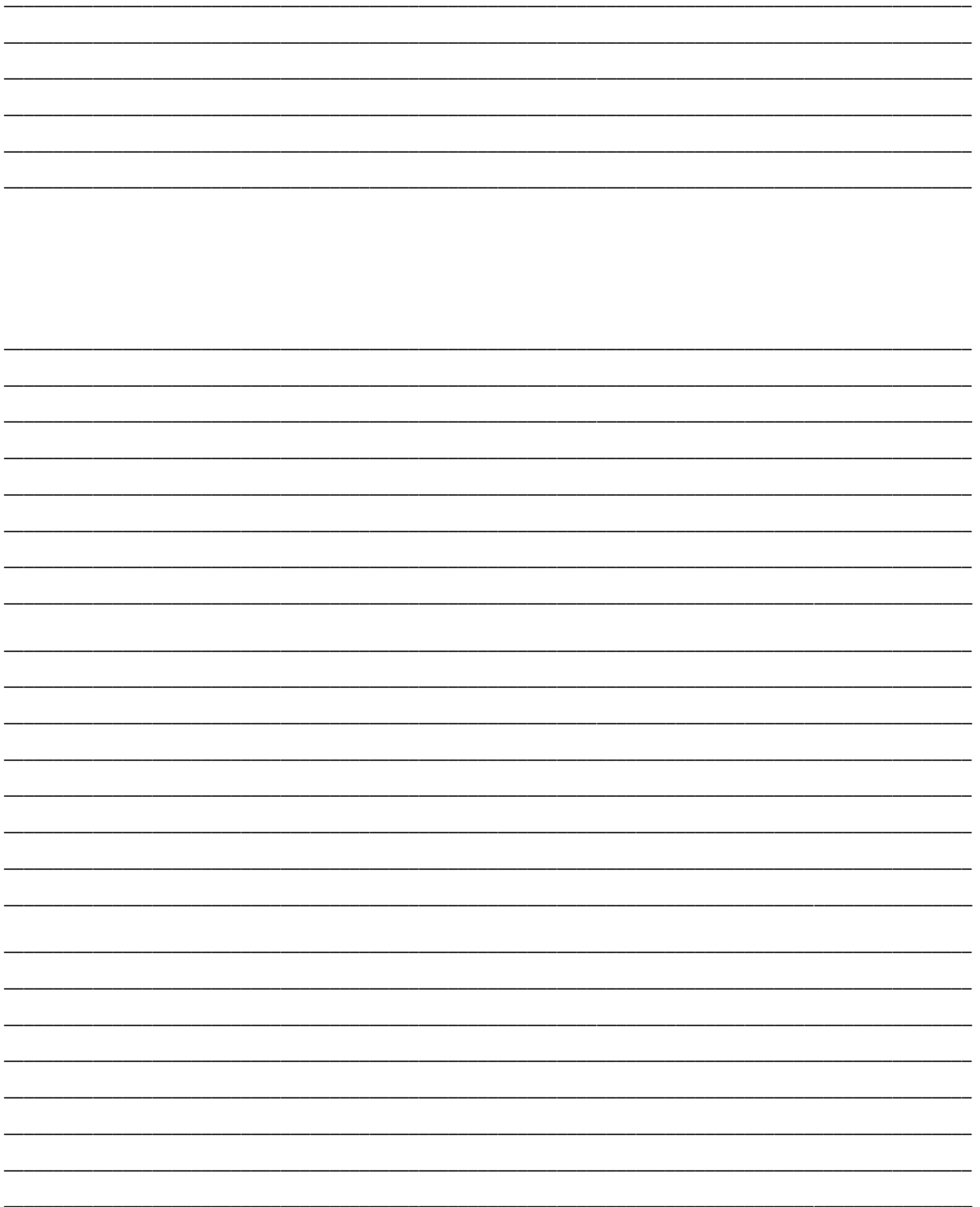


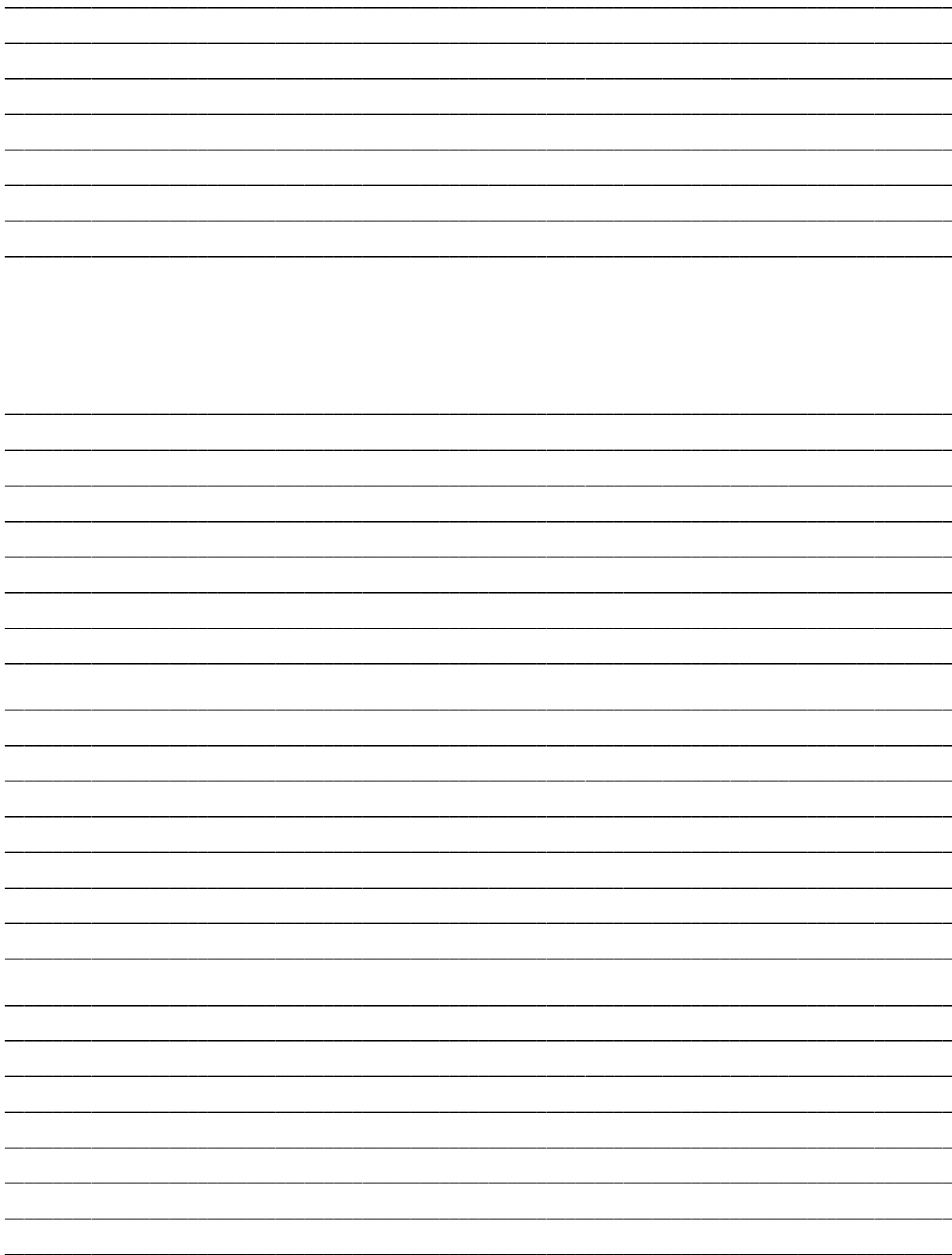


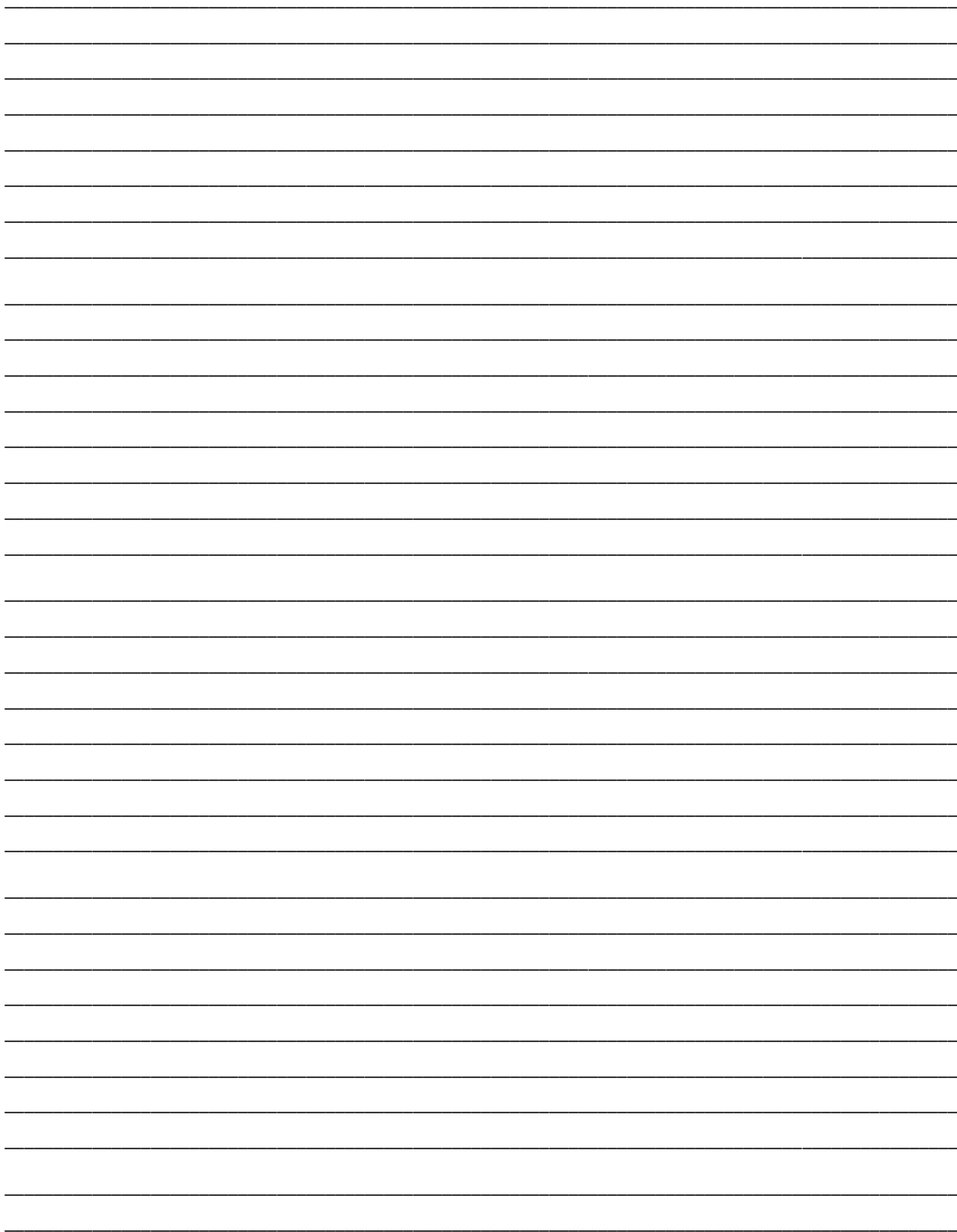




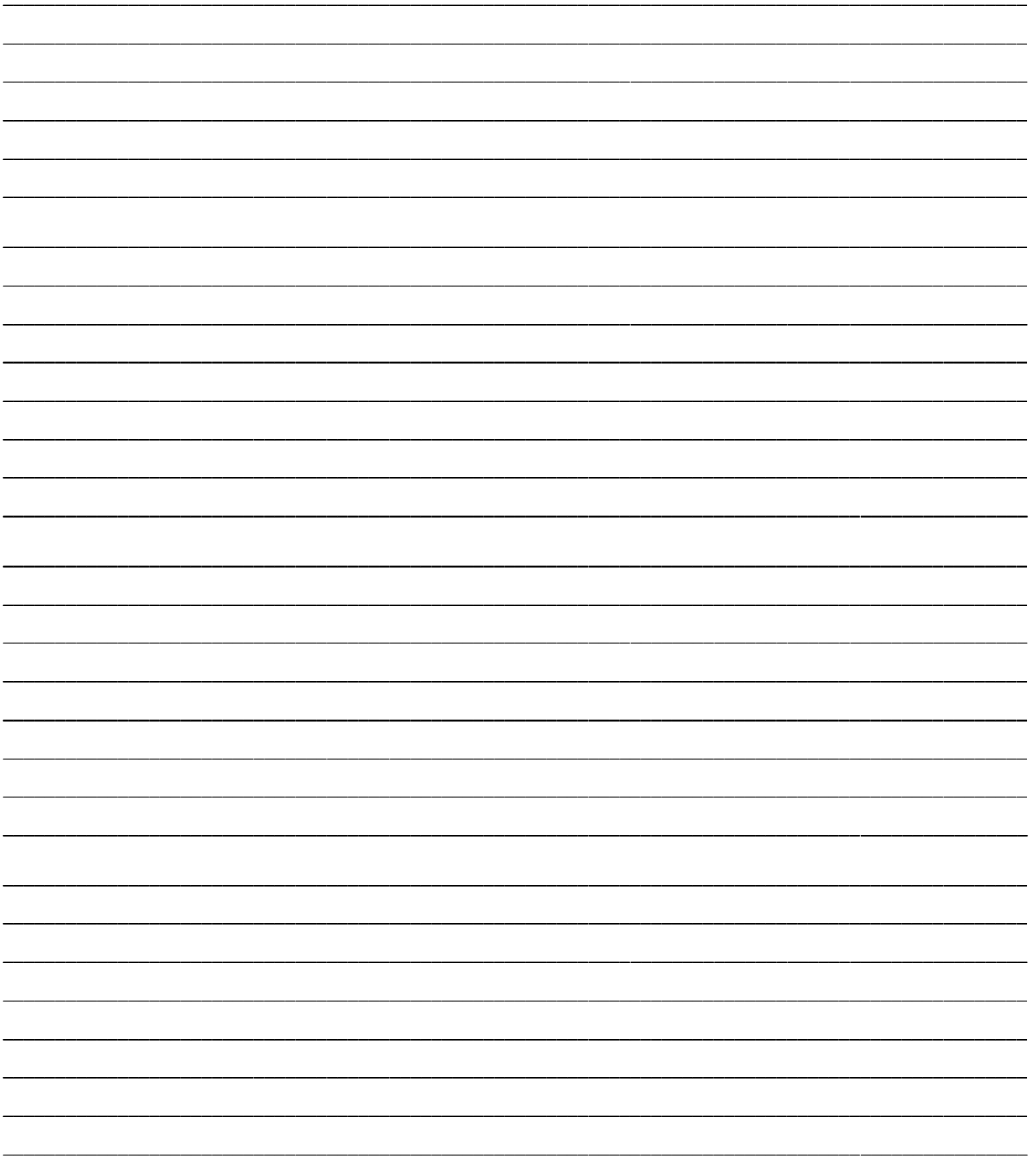


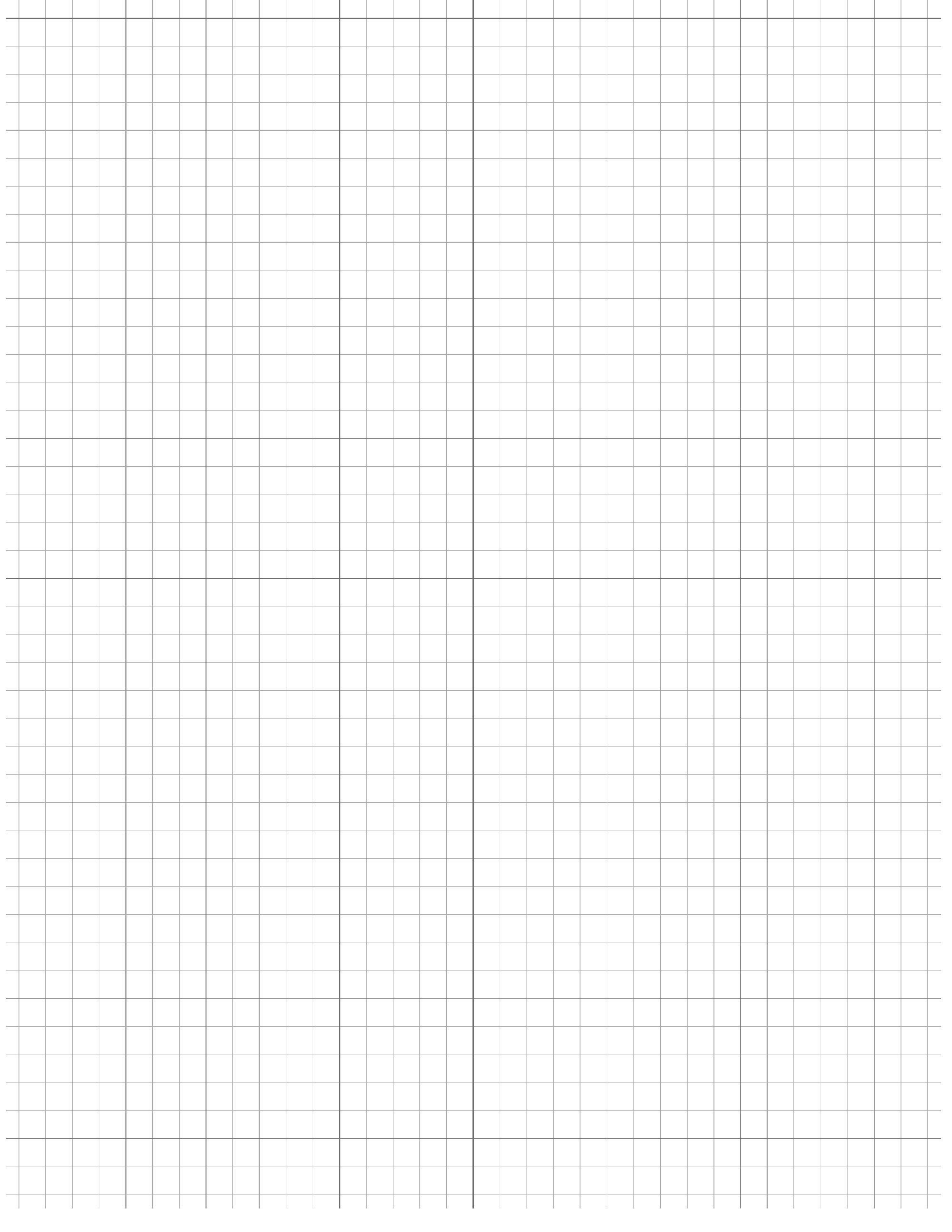


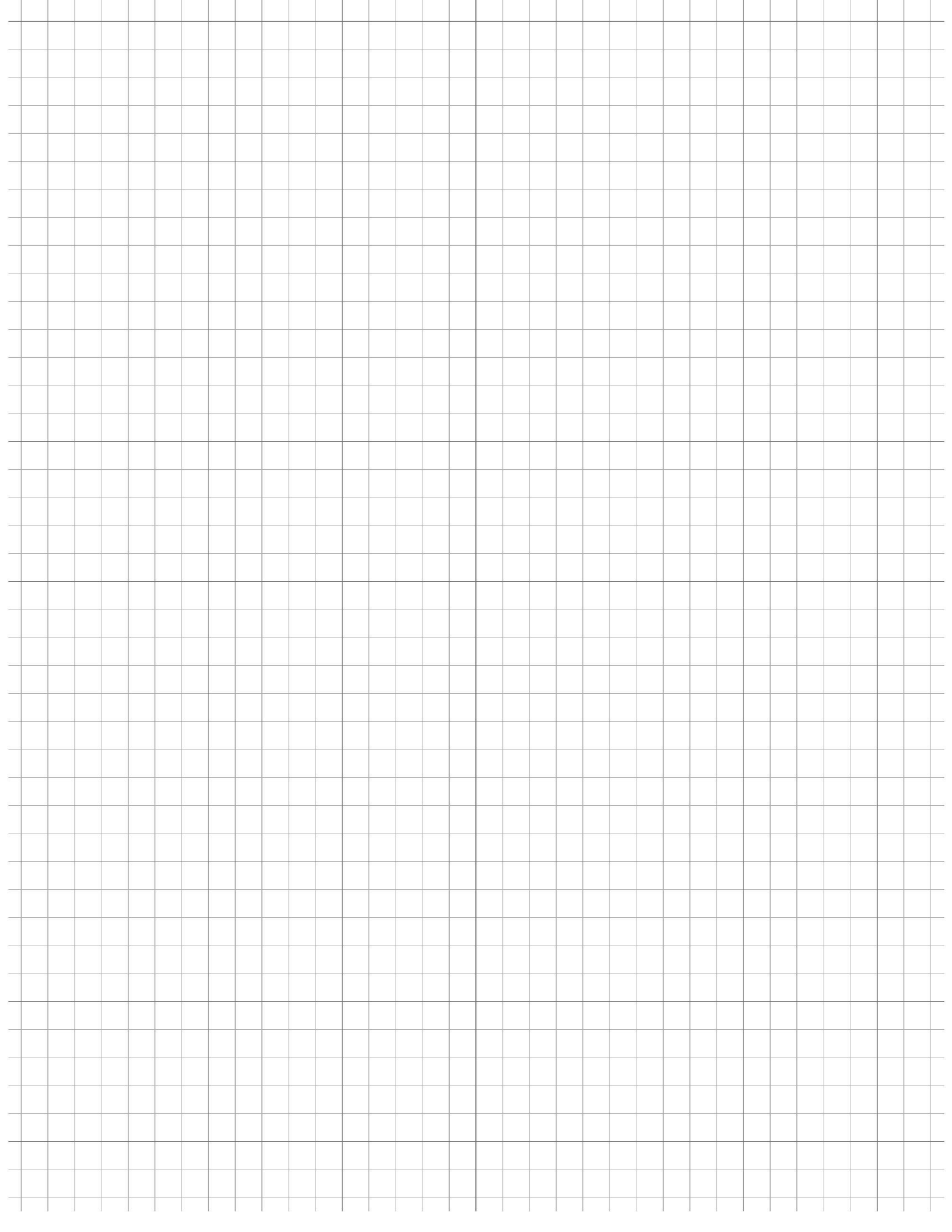


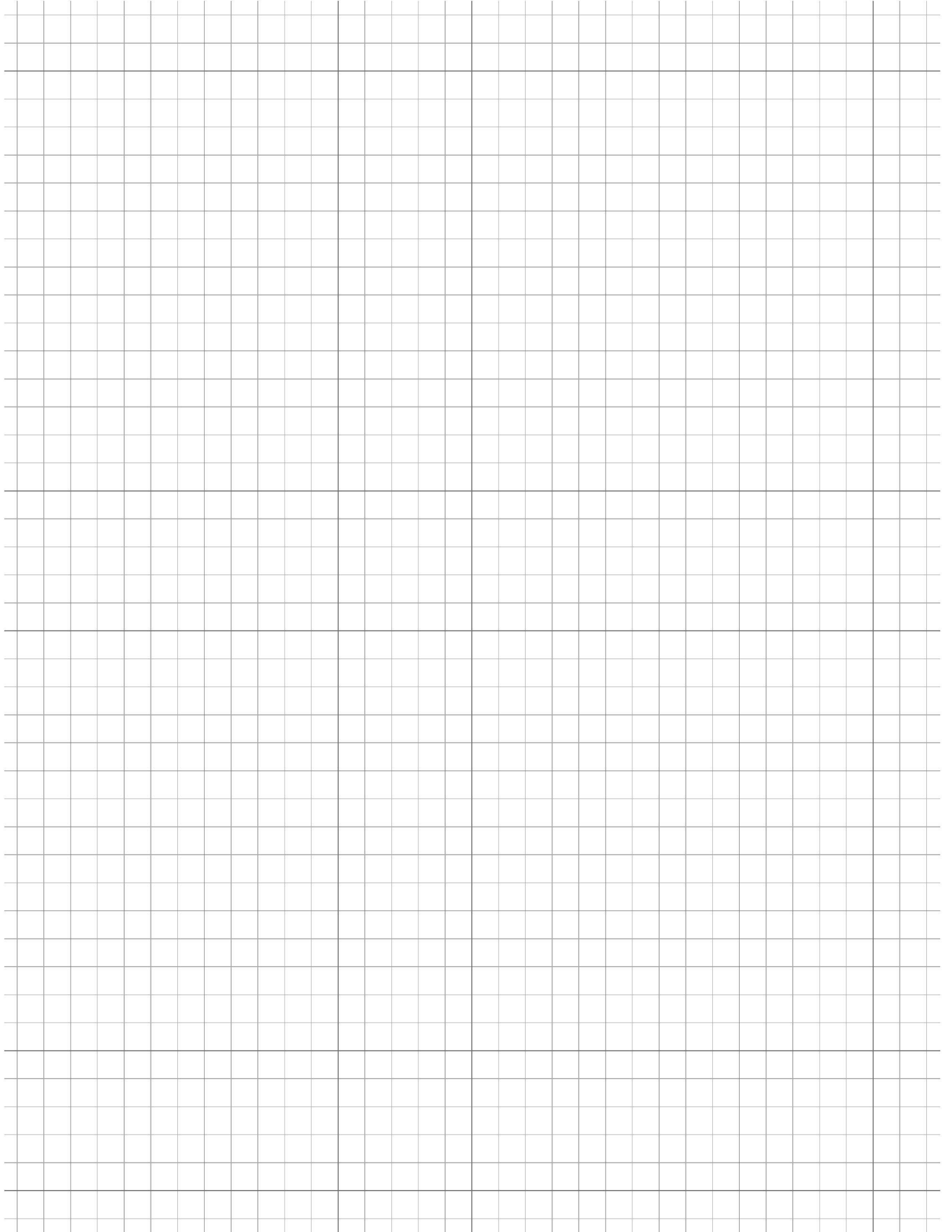


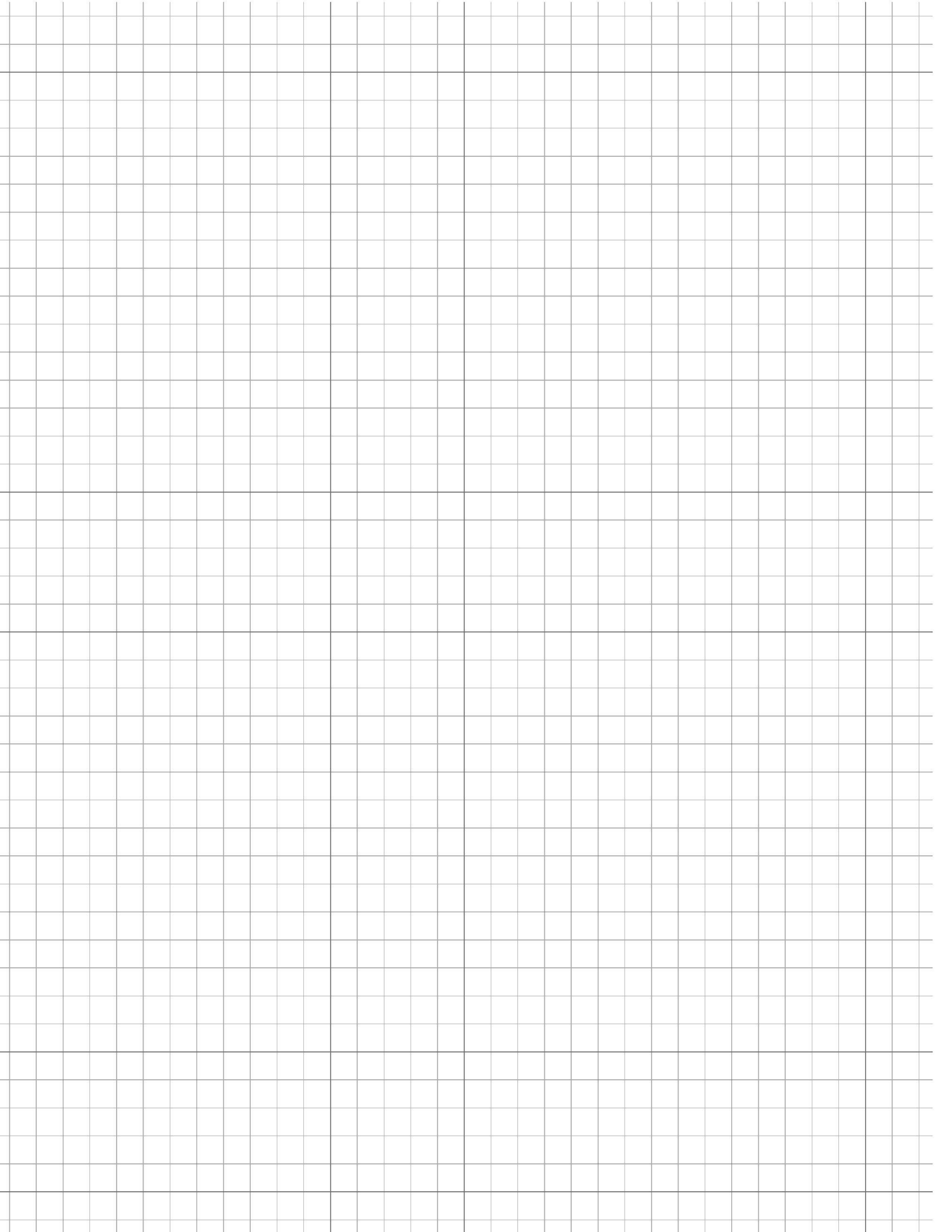


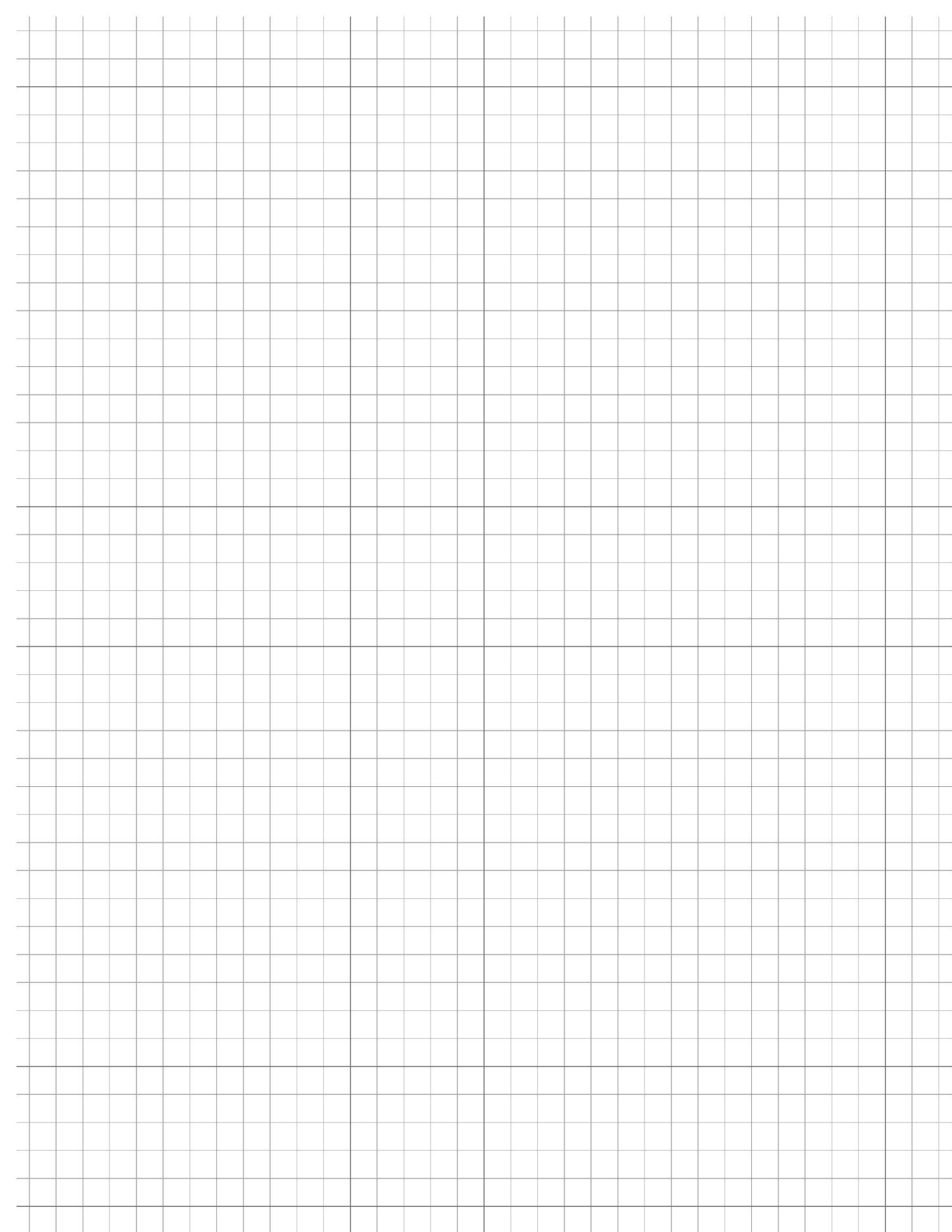


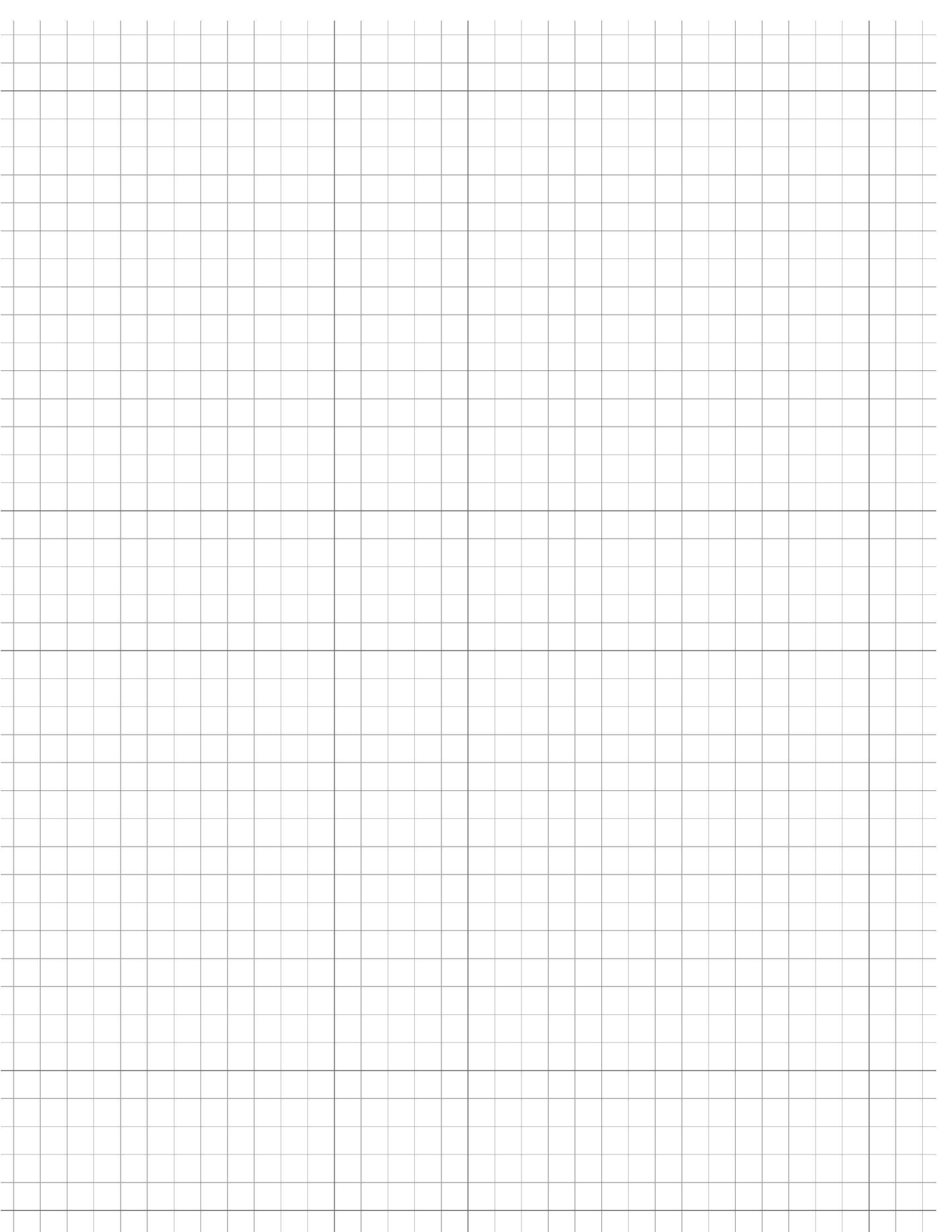


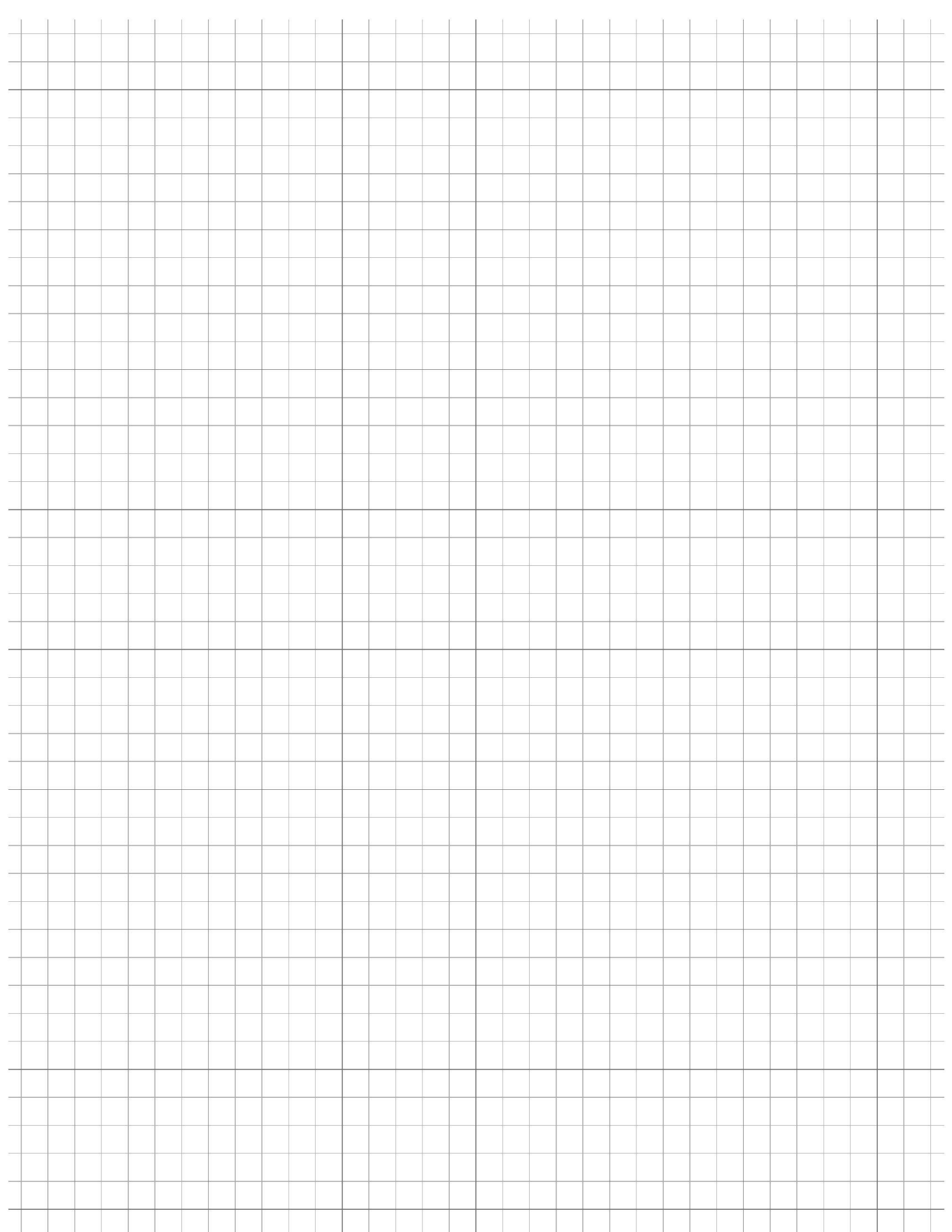




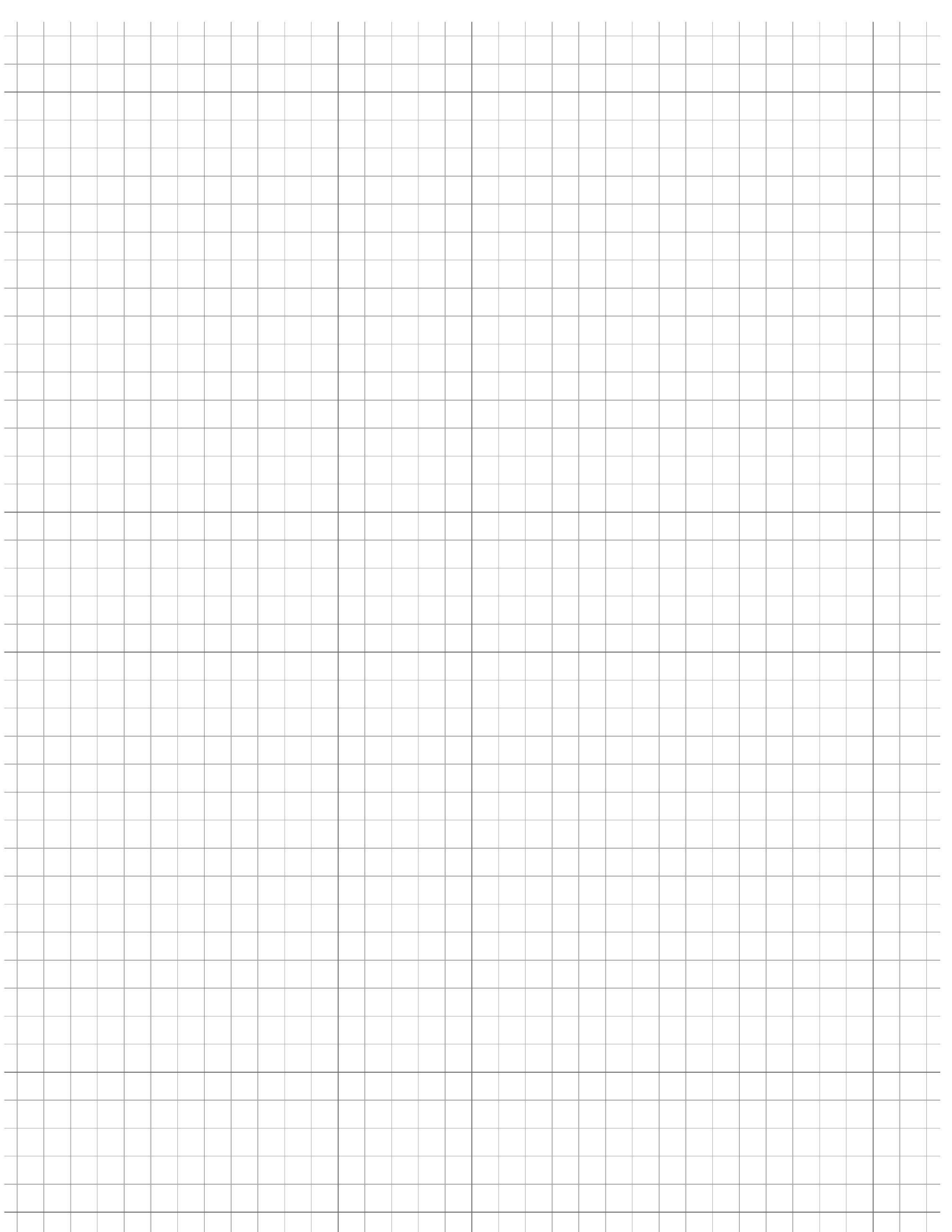


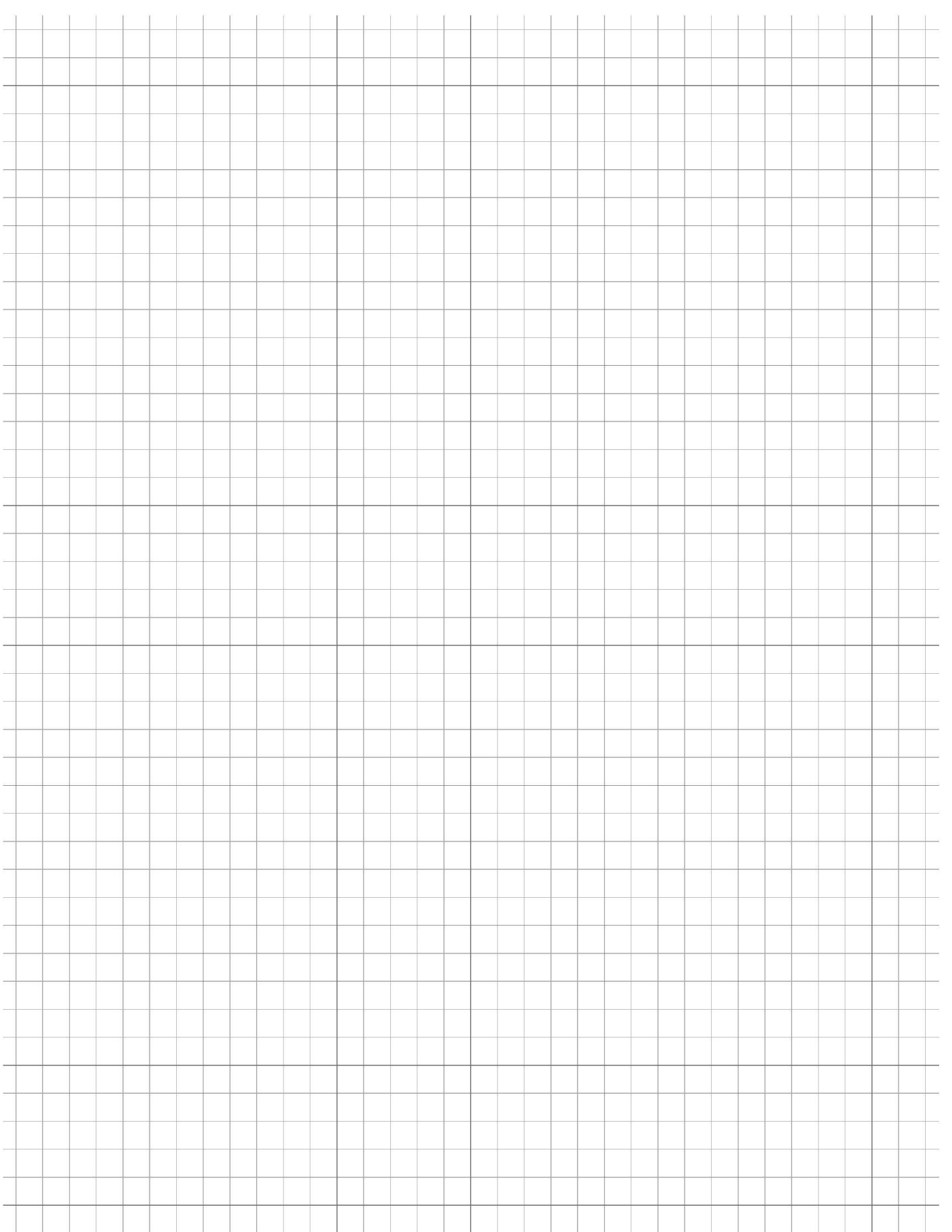


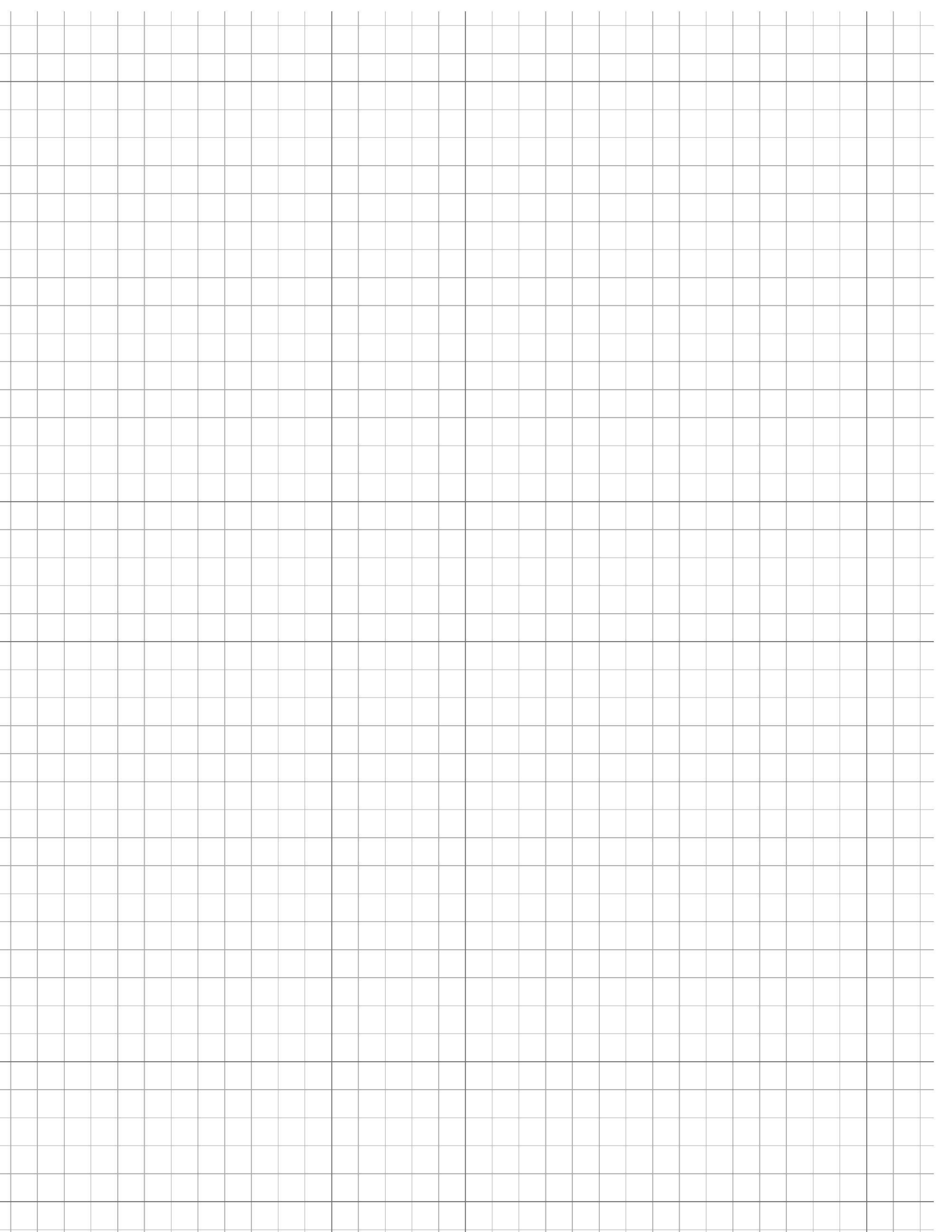


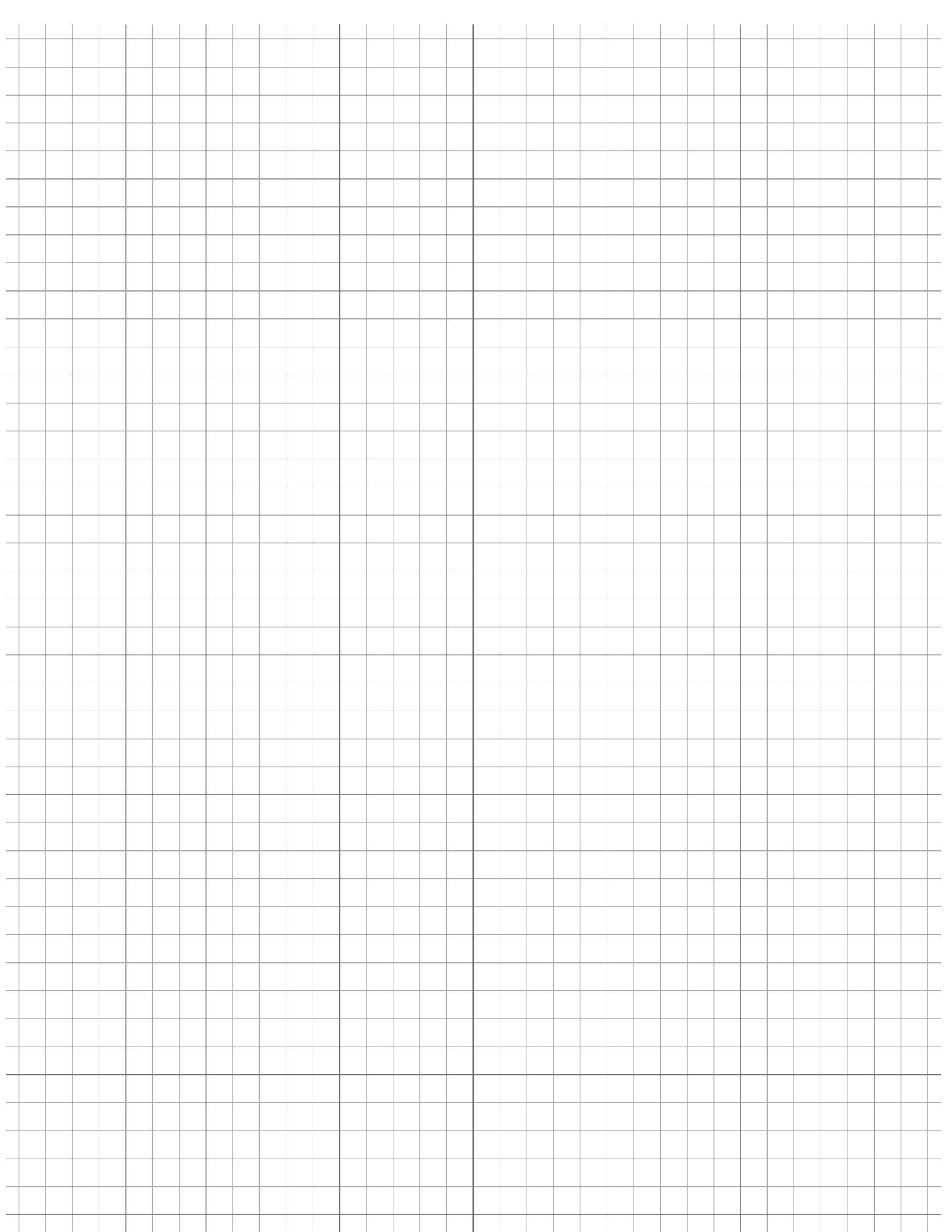












A QSL card (Below) is a written confirmation of a two-way radio communication between amateur radio operators. The term "QSL" originated from the Q code used in radiotelegraphy, and it means "I confirm receipt of your message" or "I confirm receipt of your transmission." Amateur radio operators use QSL cards to acknowledge their communication with each other.

When two amateur radio operators make contact, they may exchange information such as call signs, signal reports, and other relevant details about the communication. After the contact, one or both operators may send a QSL card to confirm the communication.

These cards often include details about the contact, such as date, time, frequency, signal strength, and any special conditions or equipment used.

QSL cards can be both functional and artistic, with many operators designing unique cards that reflect their personal interests or radio station setup. Collecting QSL cards is a popular hobby among amateur radio enthusiasts, and it serves as a tangible record of their communications with other operators around the world.

## QSL CARD SAMPLE

# W3RON

*Your Name*

*P.O. Box XXXX*

*Town, State xxxxx Country Grid*

*Your Name@gmail.com*

**CONFIRMING RADIO CONTACT WITH**

DATE	UTC	FREQ.	REPORT		MODE
			SENT	RCV'D	
<b>COUNTY:</b>					
<b>COMMENTS:</b>					
<b>ANTENNA:</b>					
THX 73's / PLS QSL					