



# Our products

Temperature // Pressure // Flow rate



# Expertise in every product

We've got you covered

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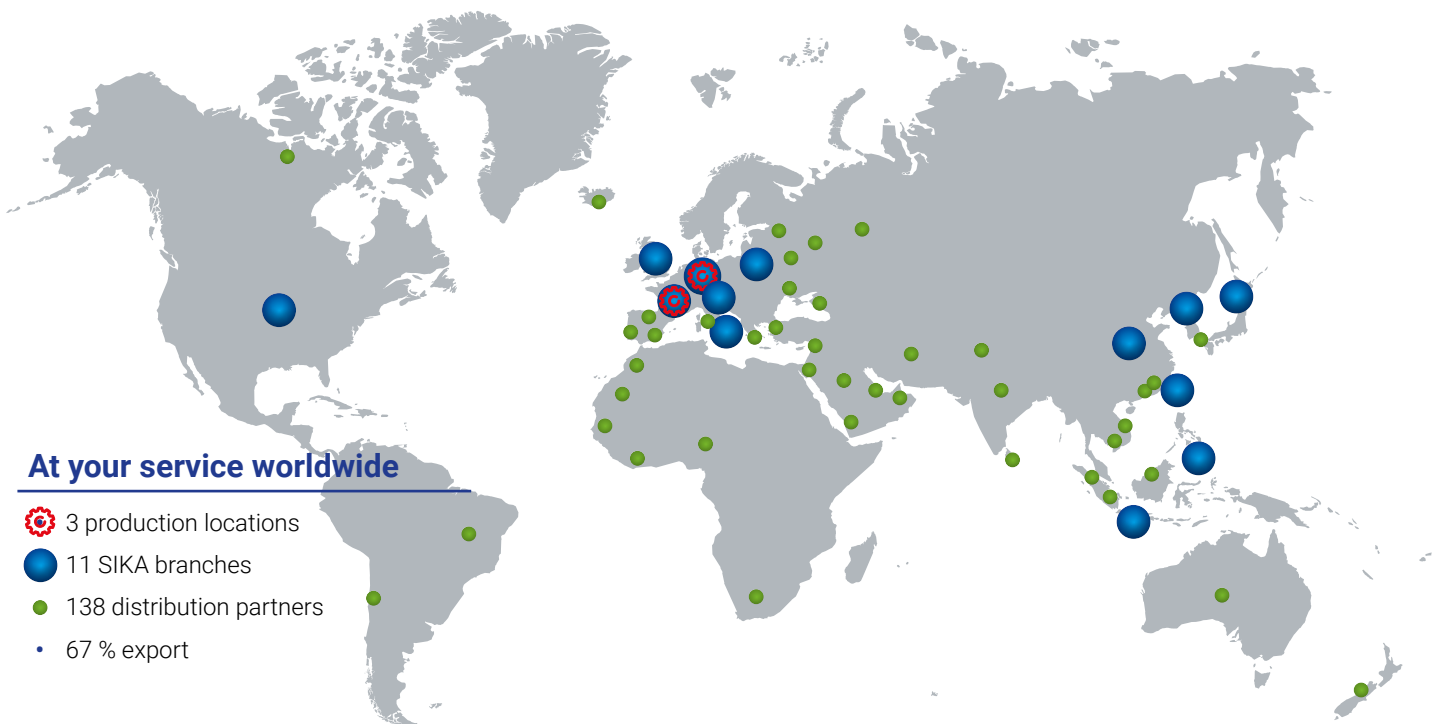
## Why SIKA?

**QUALITY** Founded in 1901, we are a company with tradition. 80 years ago we invented the industrial thermometer. And we are incredibly proud of it. Today, we develop and manufacture a wide range of products for measuring and calibration instruments, with 380 employees worldwide and at our headquarters in Kaufungen.

**EXPERTISE** From industrial thermometers to temperature calibrators to flow sensors – we always have the right product for your needs! And because quality is important to us, we have always produced high-quality and durable products at our site in Central Germany. Our products epitomise "Made in Germany" quality.

Considerable dedication for the best quality: Our large range of in-house test benches means that we can recreate a variety of installation situations, test for service life and simulate extreme stress from temperature shocks or high vibrations. This is how we ensure a long service life and perfect measurement quality.

**CUSTOMER SERVICE** No matter where you are, SIKA is always there when you need us, with 11 offices and 138 sales partners worldwide. As your preferred contact partner for measurement technology solutions, we want you to benefit from our expertise, our market knowledge and our advice. Our aim is to exceed your requirements and contribute to your company's success.



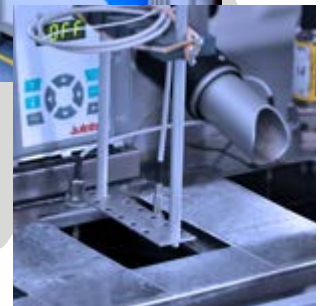
# Based in Germany

Where we live and work

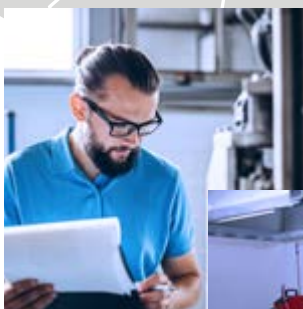
## Production



## Test benches and endurance tests



## Quality assurance



# Just a click away

Learn more about us here

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To keep up with all the latest news at SIKA, visit us on our website or follow us on social media:

[www.sika.net](http://www.sika.net)

[www.youtube.com/@SIKAMesstechnik](https://www.youtube.com/@SIKAMesstechnik)

[www.linkedin.com/company/sika-messtechnik](https://www.linkedin.com/company/sika-messtechnik)





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## Temperature and pressure

Industrial thermometers  
Dial thermometers  
KombiTemp  
Digital thermometers  
Temperature sensors  
Room condition monitoring  
Pressure gauges

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## Flow rate and level

Flow switches  
Vortex flow sensors  
Magnetic inductive flow sensors  
Turbine flow sensors  
Positive displacement flow sensors  
Oval gear flow meter  
Calorimetric flow monitors  
Level switches

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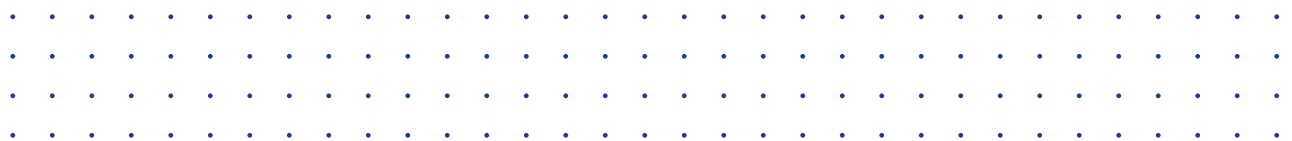
## Test and calibration instruments

Temperature calibrators  
Test pumps  
Digital pressure gauges  
Process calibrators  
Hand-held instruments

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## Your contacts at SIKA

SIKA Kaufungen . .  
Field Service Regions . .  
Branches . .



# Temperature and pressure



## Industrial thermometers

- Housing sizes: 200, 150, 110 mm
- Two standard versions: straight and 90° angle
- Custom designs available upon request
- Display ranges from -60 to 40 °C and from 0 to 250 °C



## KombiTemp®

- Combination of electrical sensor and local display
- High measurement accuracy thanks to the two independent measuring points
- Measuring ranges from -30 to 650 °C
- Easy-to-read measured value display that is always up to date
- DNV approval



## Dial thermometers

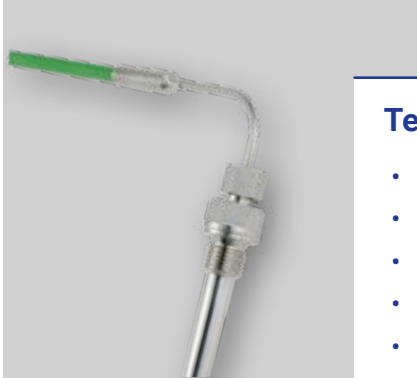
- Display ranges from -40 to 40 °C and from 50 to 650 °C
- Nominal sizes: 63 – 160 mm
- Gas-filled or bimetallic version



## Digital thermometers

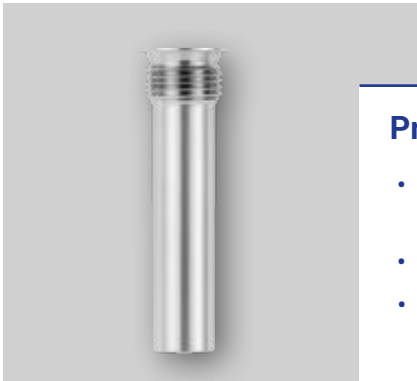
- Precise and sturdy
- Powered by solar power or lithium battery
- Display ranges: -40 to 650 °C
- Various marine approvals

# Digital and analogue thermometers and electrical temperature sensors for heating, air conditioning, ventilation and industrial and marine applications



## Temperature sensors

- Temperature ranges: -50 to 850 °C
- Custom designs available upon request
- Vibration resistant and short response times
- Various marine approvals
- Type-tested according to DIN EN 50155



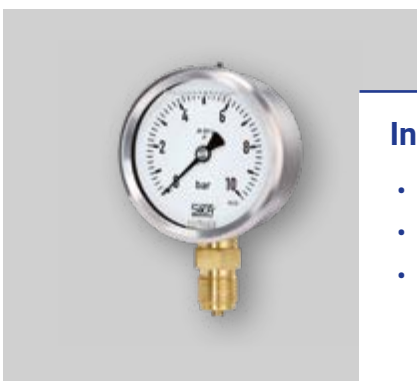
## Protection tubes for thermometers

- For thermometers and sensors, with male thread or union nut for screwing/welding in
- Wide range of materials
- Accessories: neck tube, screw plug, double threaded nipple



## Room condition monitoring

- Multisensor system
- Simultaneous measuring of humidity, temperature and pressure
- Integrated three-channel transducer
- Graphic trend display of all parameters
- EU-RO approval



## Industrial pressure measuring instruments

- Pressure measurement for liquid and gaseous media
- Nominal sizes: 63 – 250 mm
- 0 – 2.5 mbar to 0 – 1000 bar

# Flow rate and level



## Turbine flow sensors

- For water and other low-viscosity fluids
- Plastic, brass, stainless steel, DN 10 to DN 300
- Push-in modules for installation in blocks/fitings
- OEM versions



## Vortex flow sensors

- Fully encapsulated piezoceramic sensor for vortex measurements
- Nominal diameters: DN 15, DN 20, DN 25, DN 32 and DN 40
- Integrated temperature sensor
- Threaded process connector or QuickFasten connector for tool-free assembly



## Magnetic inductive flow sensors

- Plastic devices in sizes DN 3 to DN 25 for series applications
- Metal devices in sizes DN 2 to DN 20 for machines and plants
- Flange devices in sizes DN 15 to DN 200



## Flow switches

- Inline versions in sizes DN 8 to DN 50 or insertion-installation versions up to DN 200
- Magnetic force instead of spring, long-term switching point stability
- OEM versions



# Flow sensors and flow switches for measuring water and oils in industrial, heating water and potable water applications.



## Positive displacement flow sensors

- For oils and other viscous fluids
- High resolution, outstanding accuracy from 0.008 l/min
- Ductile cast iron, stainless steel and aluminium versions



## Oval gear flow sensors

- Displacement flow meter with direct volume measurement
- No inlet or outlet sections required
- High long-term stability
- Low pressure drop



## Calorimetric flow monitors

- Insertion installation in pipelines with DN 15 to DN 150
- No moving parts
- Switching point can be adjusted via the potentiometer
- Compact or split configurations



## Level switches

- Lateral installation
- For water, oil and other media
- Max. media temperature up to 110 °C
- Plastic, brass and stainless steel versions

# Test and calibration instruments



## Temperature calibrators

- Dry block, calibration bath, infrared and surface function
- Temperature ranges: -55 to 1300 °C
- Effective and compact with wide range of equipment options
- Quickest and most stable regulation on the market



## Hand-held test pumps

- Pneumatic and hydraulic pressure pumps
- Pressure ranges: -0.95 – 60 bar
- Ideal for mobile use
- No power supply required



## Tabletop test pumps

- Pneumatic and hydraulic pressure pumps
- Pressure ranges: -0.95 – 1400 bar
- Fast pressure generation with little effort
- No power supply required



## Hydraulic deadweight testers

- Maximum accuracy: 0.015 % of the measured value
- Pressure ranges: 0.25 – 1400 bar
- Free calibration to local gravity values according to DAkkS standard

Compact and innovative temperature calibrators for the medical, pharmaceutical, food and industrial sectors, as well as pneumatic and hydraulic pressure calibrators.



### Digital pressure gauges

- Display ranges: -1 – 1000 bar
- Display accuracy: up to 0.05 %
- With optional data logger
- Can switch between different units of measurement



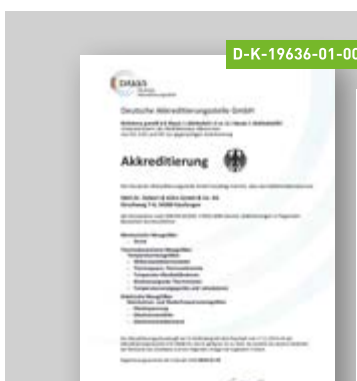
### Process calibrators

- For temperature, pressure, current, voltage, resistance or frequency/pulse
- Various configurations
- Powerful mono- and multi-function process calibrators
- For mobile, on-site calibration



### Hand-held instruments

- For temperature and pressure
- Easy to handle and with a high measuring accuracy
- Logger, alarm and clock function available



### Calibration service

- Accredited calibration laboratory
- Temperature ranges for temperature calibrators: -55 to 1300 °C
- Pressure ranges: 1 – 1200 bar
- Electrical quantities: mA, V, Ω

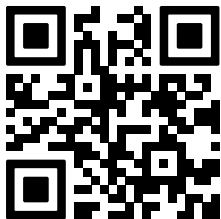
# Your contacts at SIKA



## Technical Advice

### Products and Enquiries

[technical-sales@sika.net](mailto:technical-sales@sika.net)



## SIKA Kaufungen

### Headquarters

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[info@sika.net](mailto:info@sika.net)

## Domestic Sales

### Order Management

Fax: +49 5605 8003-03  
[ordermanagement@sika.net](mailto:ordermanagement@sika.net)

## Calibration Services / Complaints

### Return Management

Phone: +49 5605 803-0  
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We are right where you need us!  
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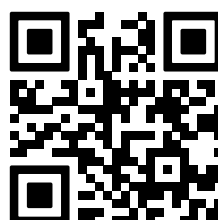
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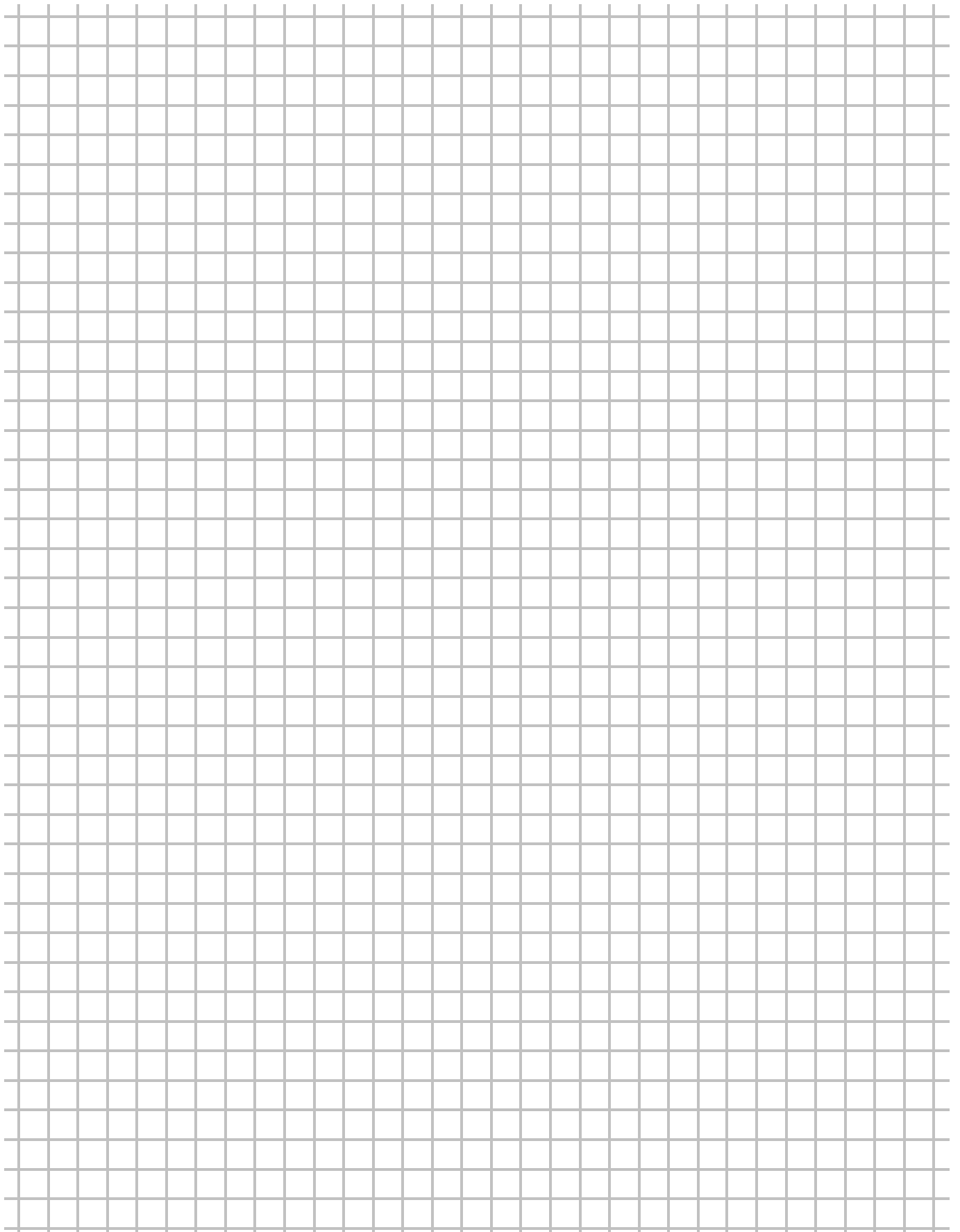
**Other contacts**

Representative and sales partners

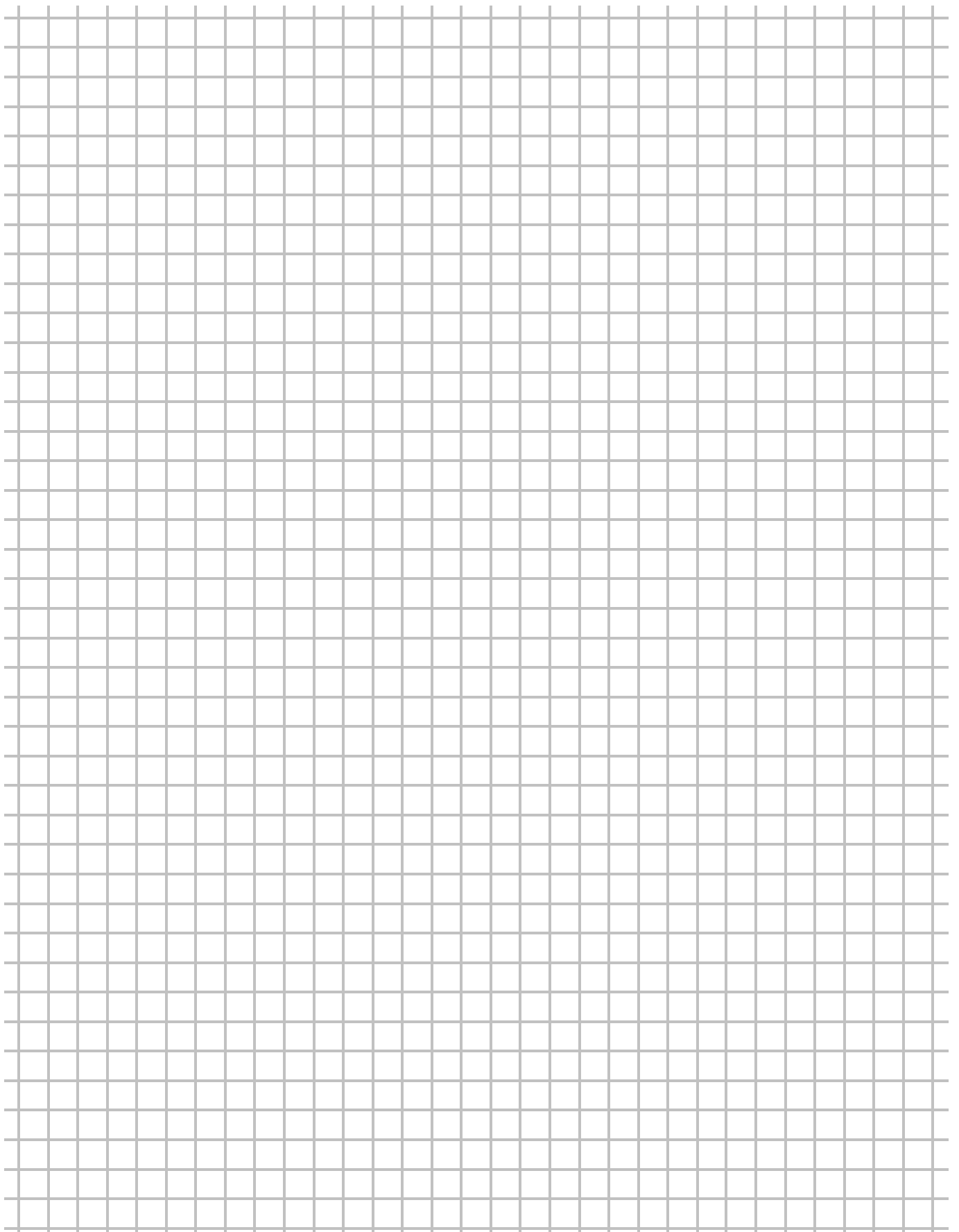


# Notes

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