

Smart Innovations for tomorrow

2019

Our Clients



THE WORLD BANK



The generosity of our clients provides the foundation for SDEL's ability to meet the needs and helps promote a healthy business environment for all businesses. SDEL is grateful for their support.

Introduction

Smart Development Engineering (SDE) Limited is a multidisciplinary Planning and Engineering company that has built a strong reputation for delivering a quality service, on time, and at a competitive price. We pride ourselves on being skilled and experienced in all aspects of Urban planning, Design and construction of retrofitting works and Networking and IT solutions.

In recent years, urbanization is emerging with increasing population and resulting disparity in economy in the development process. Urban areas are flourishing and creating pressure on social, economic and environmental issues. Inclusive and integrated development is now a demand for healthy and sustainable urban life for future generation.

SDE provides professional services to the public and private sectors and to state owned enterprises. SDE is committed to contributing towards sustainable development through multidisciplinary approach

and has the resources and expertise to meet current and future challenges in all the disciplines that it operates in. Having diversified projects on urban planning and structural development we now offer multidisciplinary services including Urban Planning, Civil and Structural Engineering, Project management and IT based solution.

Our commitment to innovation and excellence invariably results in a successfully completed project. We understand and promote the idea of working as a partnership with our clients to ensure their goals are met. At SDE we never rest upon our success and are passionate and driven to continue the high levels of customer satisfaction.

With the continued support and good will of our customers, and the dedication of our staff who are key to the success of SDE, we look forward to embracing the challenges of the future with renewed energy.

Mission

To continuously provide professional efficient services to our clients, driven by our dynamism, innovation and creativity through inclusive development involving multidisciplinary professionals and experts.

Vision

To be a smart service provider with efficient multidisciplinary professionals for a better sustainable future development.

Values

"SDE constantly commits itself to fairness, honesty, trustworthiness and integrity. SDE rewards their staff for work well done; ensuring that projects are completed on time and most importantly to clients' satisfaction. By showing commitment and taking responsibility for our actions, SDE produces high quality services and products. SDE prides itself on teamwork, excellence and our commitment to corporate citizenship and the environment.

Our Services

Services

- ⊙ Risk and vulnerability study
- ⊙ Earthquake hazad assessment
- ⊙ Occupancy certification
- ⊙ Water supply and sanitation planning
- ⊙ Building design services
- ⊙ Civil engineering projects
- ⊙ Environmental assessment and permitting
- ⊙ System design and development
- ⊙ Network Design Implementation
- ⊙ Architectural services
- ⊙ Project management
- ⊙ Topographical surveys
- ⊙ Hydrological surveys
- ⊙ Site supervision

Major Activities

- ⊙ SDE provide services related to urbanization, urban planning and management.
- ⊙ Provide Designing and setting up the network, maintaining the network, Expanding the network.
- ⊙ Service related to IT Development & software solutions.
- ⊙ Provide services to conduct the Visual inspection and detail engineering assessment of the infrastructure of both public and private entity.
- ⊙ Retrofitting Design, Construction and Monitoring
- ⊙ Feasibility Study on alternative solutions for Infrastructure Development
- ⊙ Geotechnical Investigation, Assessment and Management Solutions

Our Services

Key Resources

In-house we have competent multidisciplinary quality professionals and experts. In the team, there area members working as Advisor for Urban Planning. Besides, multidisciplinary professionals include Economist, Sociologist, Environmentalist, Civil engineer and Architects. And the core part of the team is IT professionals having sound knowledge in Web-development, System design and Networking.

Networking and IT services

- ⊙ Designing the Network
- ⊙ Setting Up the Network
- ⊙ Maintaining the Network
- ⊙ Administering network security
- ⊙ Troubleshooting network problems
- ⊙ Software development
- ⊙ IT solution
- ⊙ Web design & Hosting

Structural Design, supervision & retrofitting

Summary of the structural design services are mentioned below:

- ⊙ Structural Design of RCC and Steel Structures
- ⊙ Seismic Retrofitting of Existing Structures
- ⊙ Structural Safety Assessment/Evaluation.
- ⊙ Destructive and Non-Destructive Test of Concrete and Steel Structures
- ⊙ Linear/Non-Linear Analysis and design of Structures
- ⊙ Retrofitting construction works.

Structural Integrity Assessment

SDE has successfully completed Structural integrity assessment by Visual inspection of number of garments building at DEPZ, Ganakbari, Savar, Dhaka.

Structural Engineering

- ⊙ Multi-storied buildings
- ⊙ Industrial buildings
- ⊙ Low cost housing structures
- ⊙ Steel structures
- ⊙ Schools and hospitals
- ⊙ Office complexes

Urban Planning & Rural Development

- ⊙ Risk and vulnerability study
- ⊙ GIS application in urban study
- ⊙ Water supply and sanitation
- ⊙ Deep tube well construction and arsenic testing
- ⊙ Ground water investigations
- ⊙ Low cost sanitation

Urban Planning Project

- ⊙ Risk sensitivity analysis (structural & non-structural)
- ⊙ Vulnerability study of urban environment
- ⊙ GIS application in urban planning, hazard assessment, hydrological analysis
- ⊙ Assessing to clients for getting the occupancy certificate
- ⊙ Simulation of soil structure interaction using PLAXIS
- ⊙ Climate Change Impact assessment in different sectors of Bangladesh
- ⊙ Integrated Water Supply, Sanitation and Hygiene (WASH) Planning

IT services

- ⊙ System Design: developing programs for expense calculation, budget determination, cost estimation and attendance management as per client requirements.
- ⊙ Network Design Implementation: network design services for medium to large sized workplaces. Server and database setting up and management integrated with high-speed connectivity are ensured for the clients.
- ⊙ Web-based UI: build data-driven progressive web-applications.

Building Inspection and Checking

SDE offers building inspection and checking of existing structures with expert engineers and assesses the vulnerability analysis with modern tools and techniques. SDE has inspected a number of buildings which includes several garments buildings and conducted detailed structural vulnerability assessment of numerous Garments factories.

Personal Data

Name:.....

Home Address:.....

Home Telephone:..... Mobile:.....

E-mail:.....

Company:.....

Address:.....

Telephone:..... Mobile:.....

National ID No:.....

Passport No:.....

Expiration Date:.....

Social Security No:.....

Insurance Poicy No:.....

Driving License No:.....

Car License No:.....

License Plate No:.....

In case of illness or accident, notify:

Name:.....

Address:.....

Telephone:..... Mobile:.....

Emergency Medical Instructions:

Medical Alert:.....

Blood Type:.....

Allergies:.....

Physician:.....

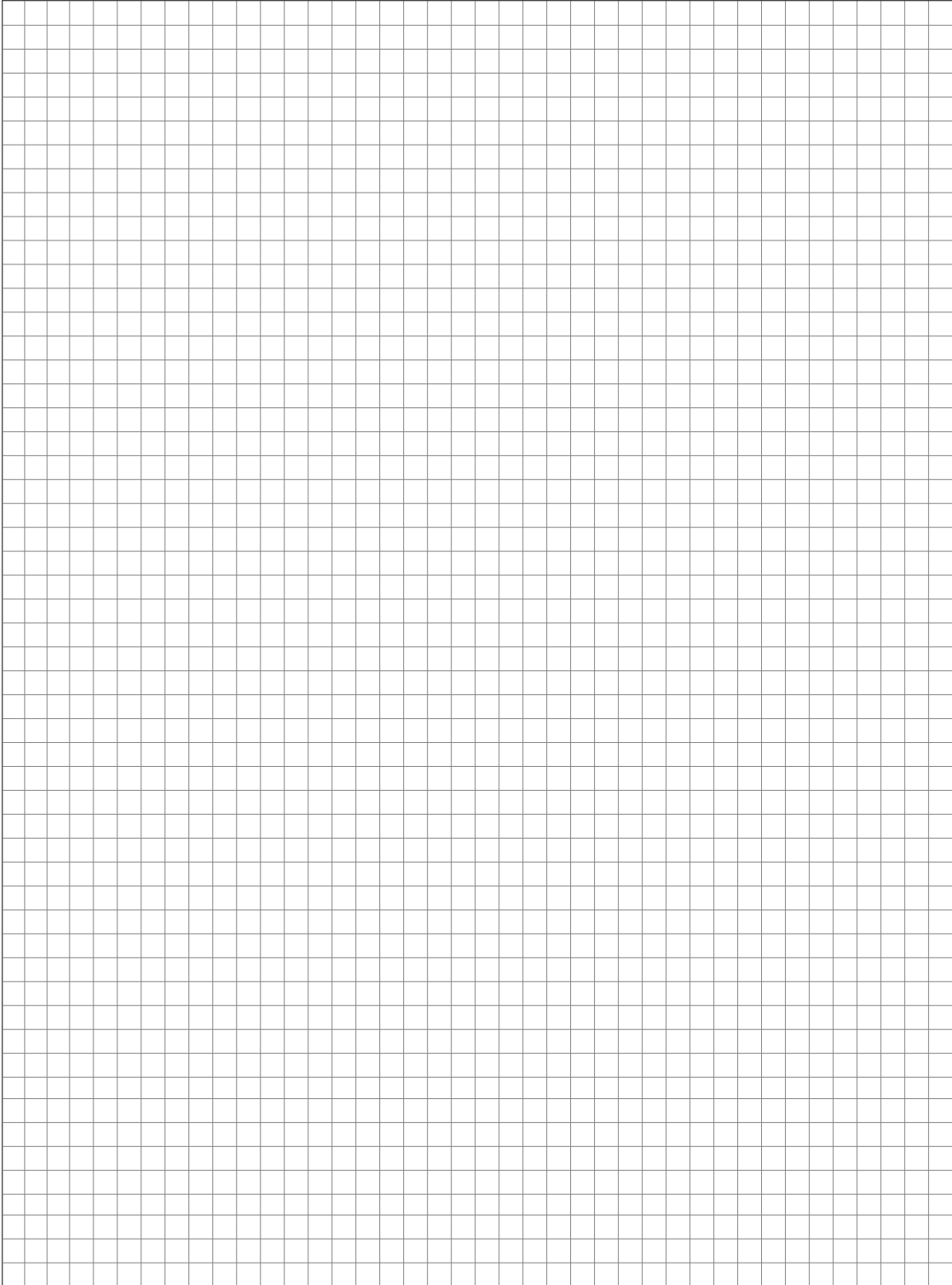
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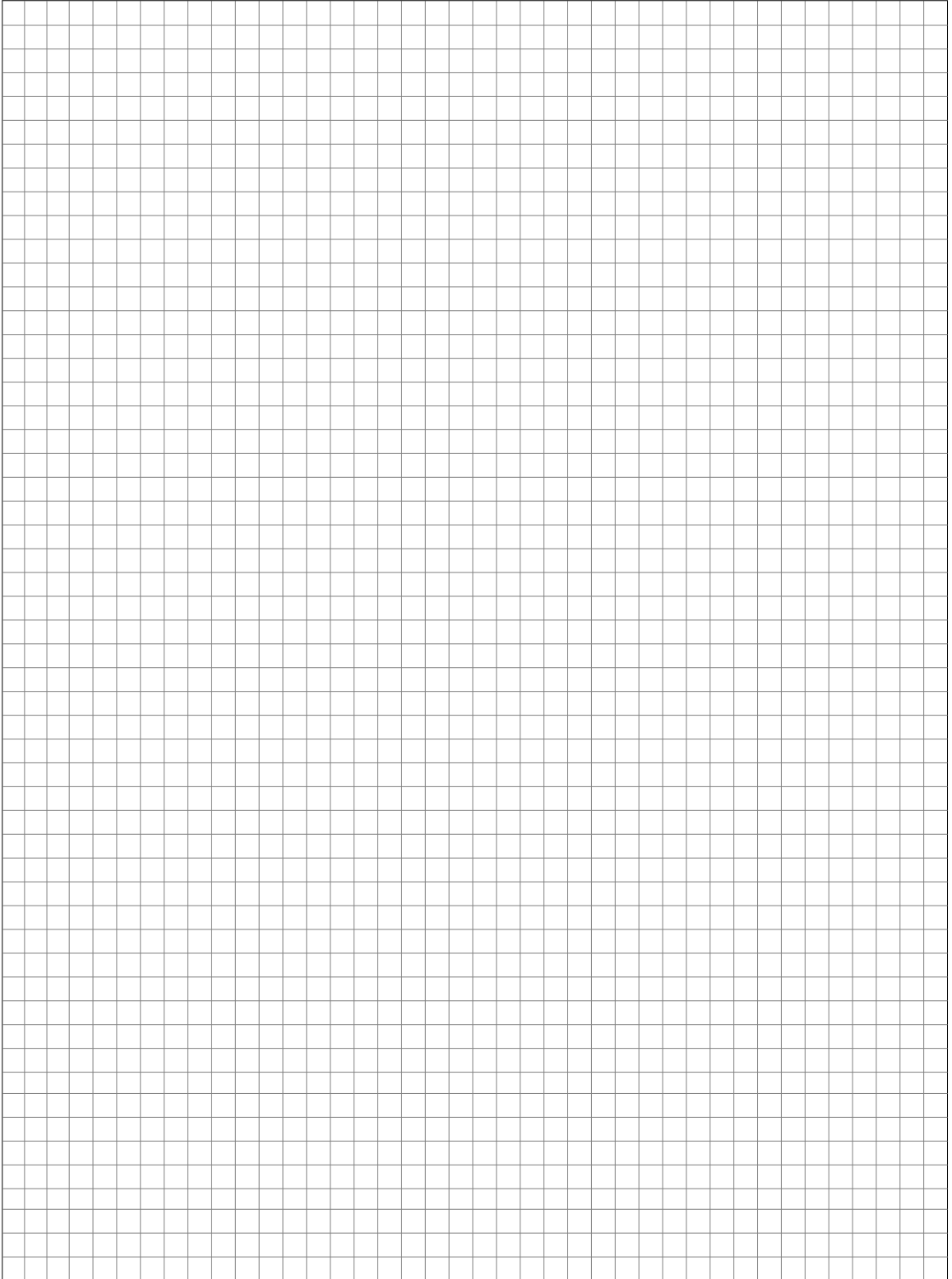
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Innovation for tomorrow





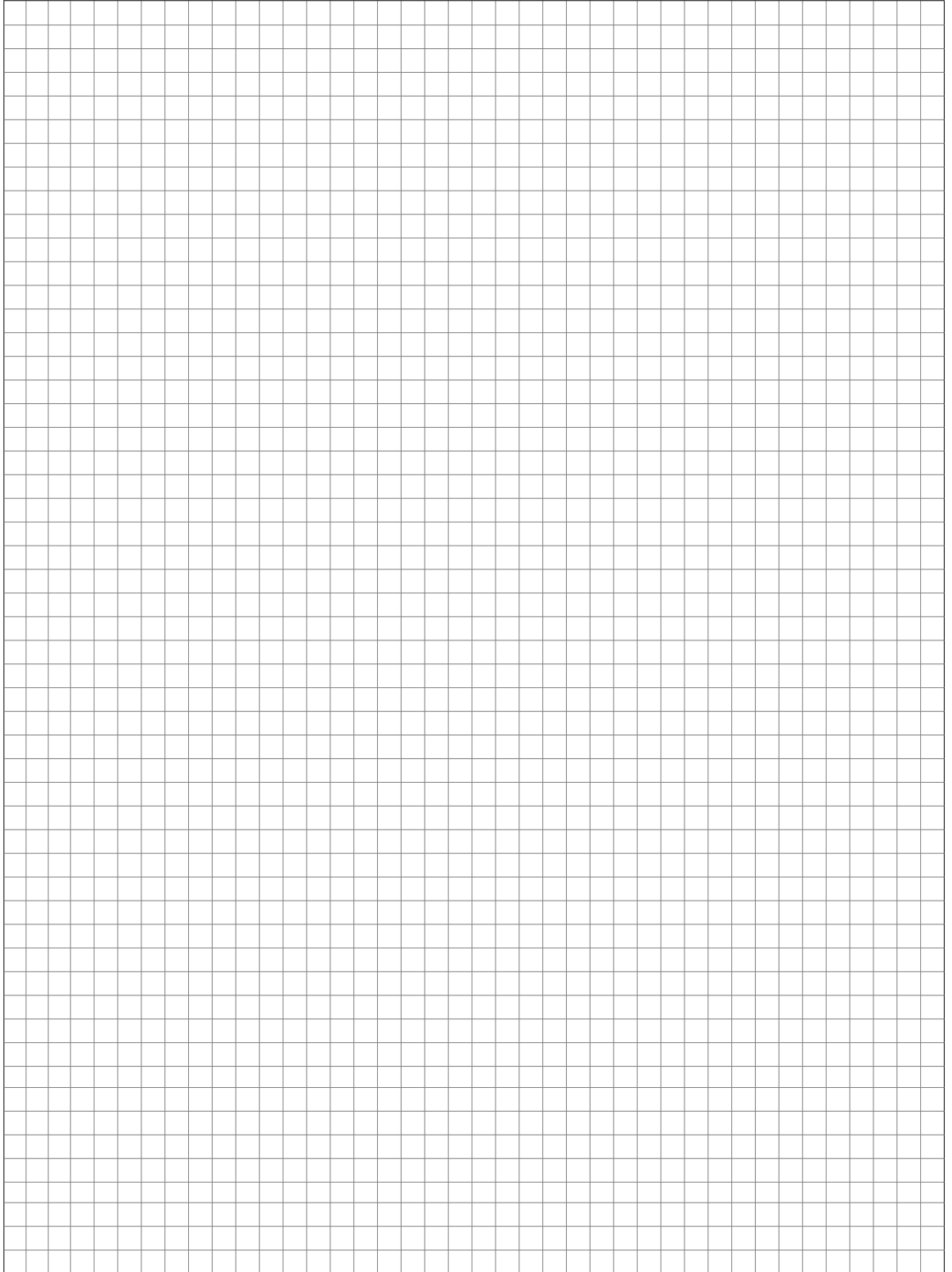
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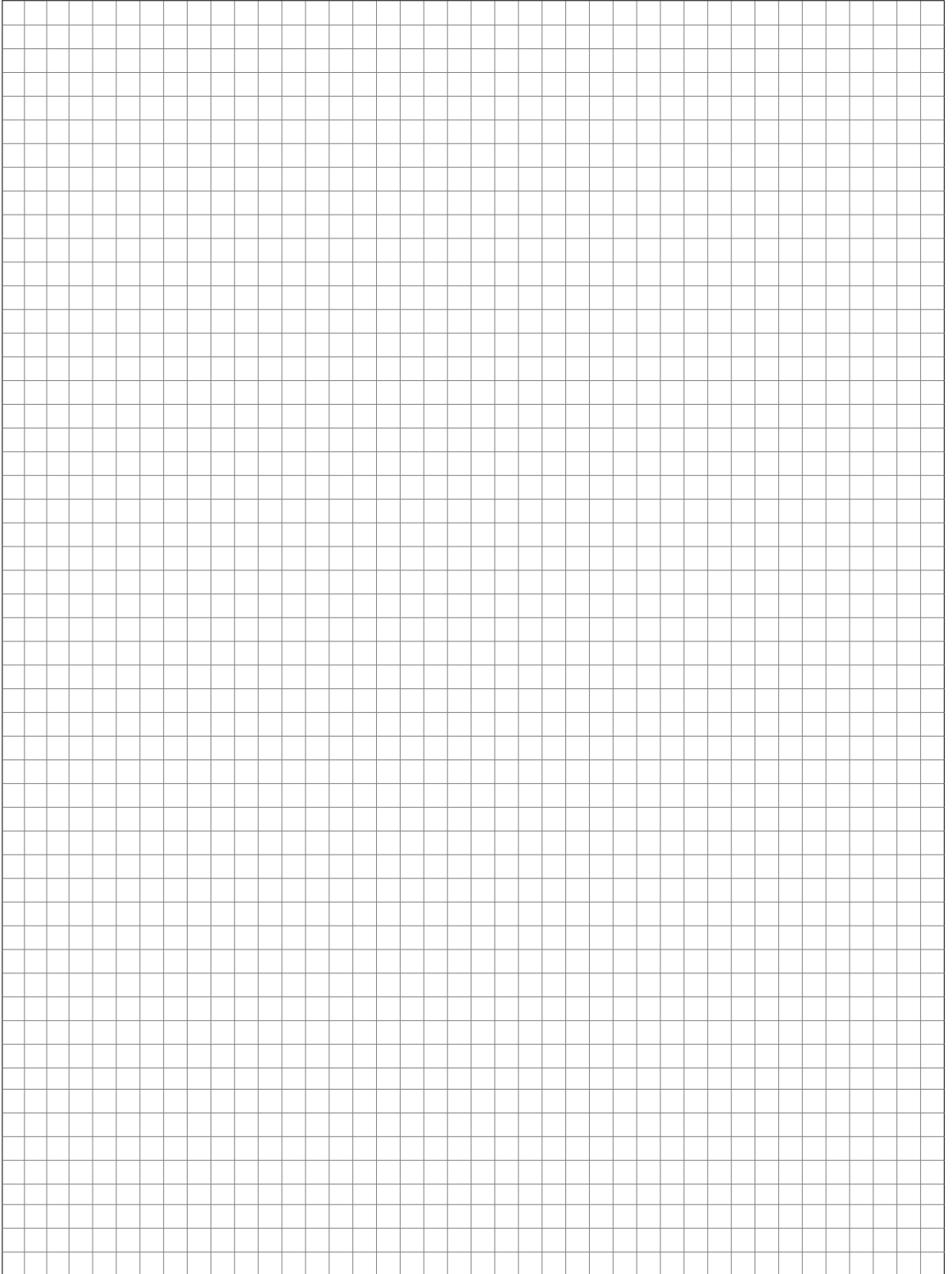
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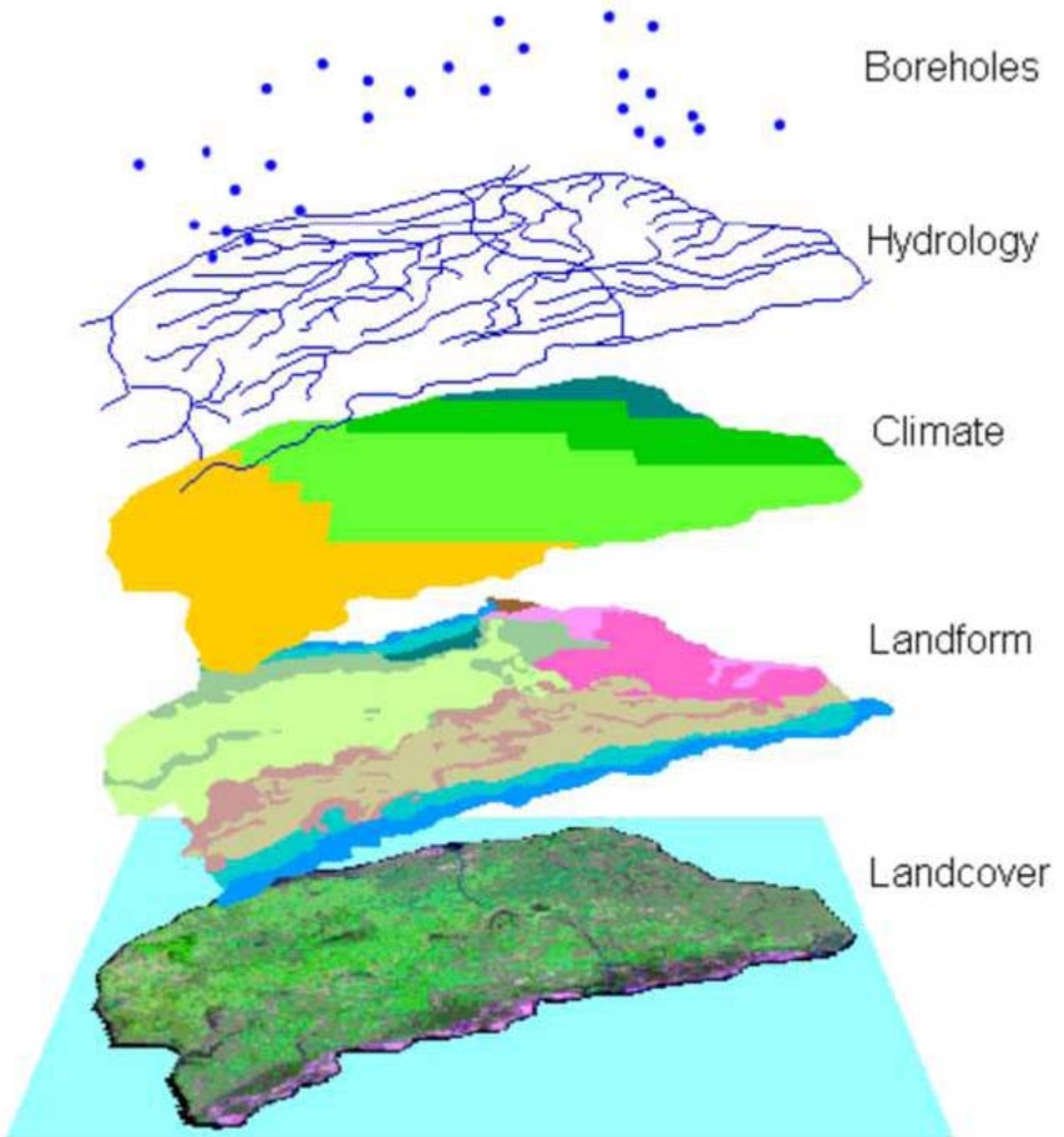
Exploring knowledge beneath the soil





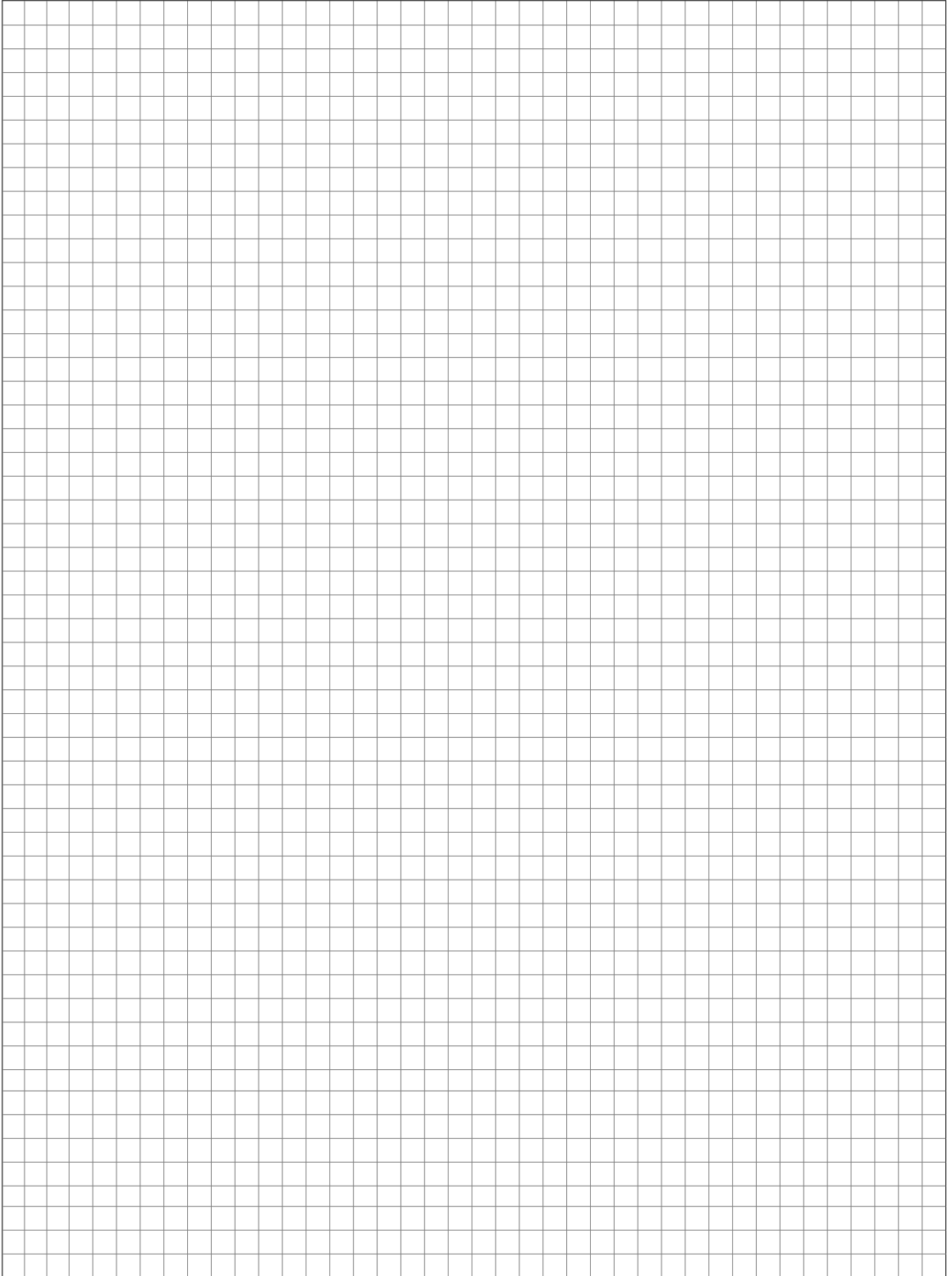
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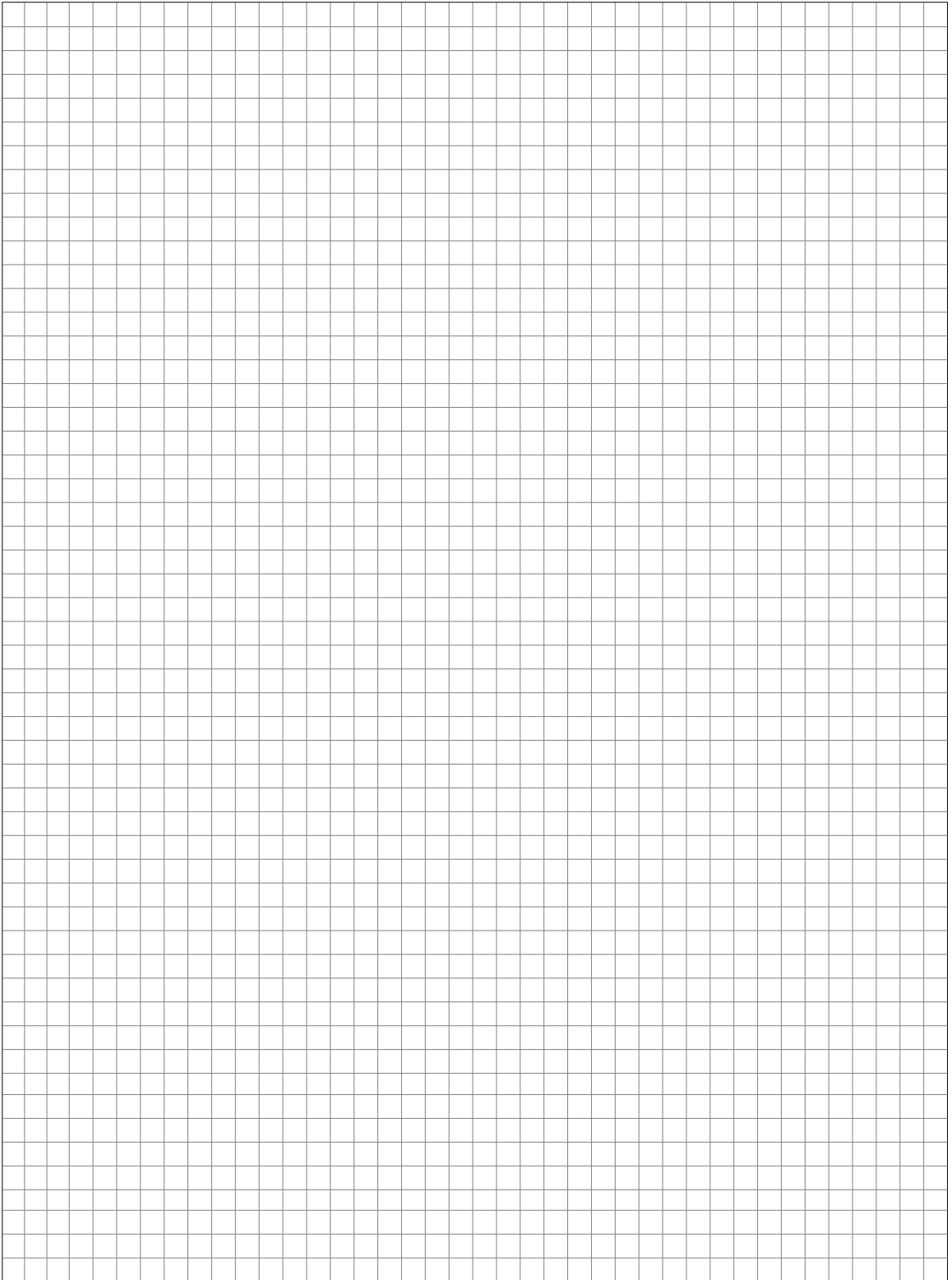
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Capability of GIS to integrate different types of Spatial Data

Date: _____





April

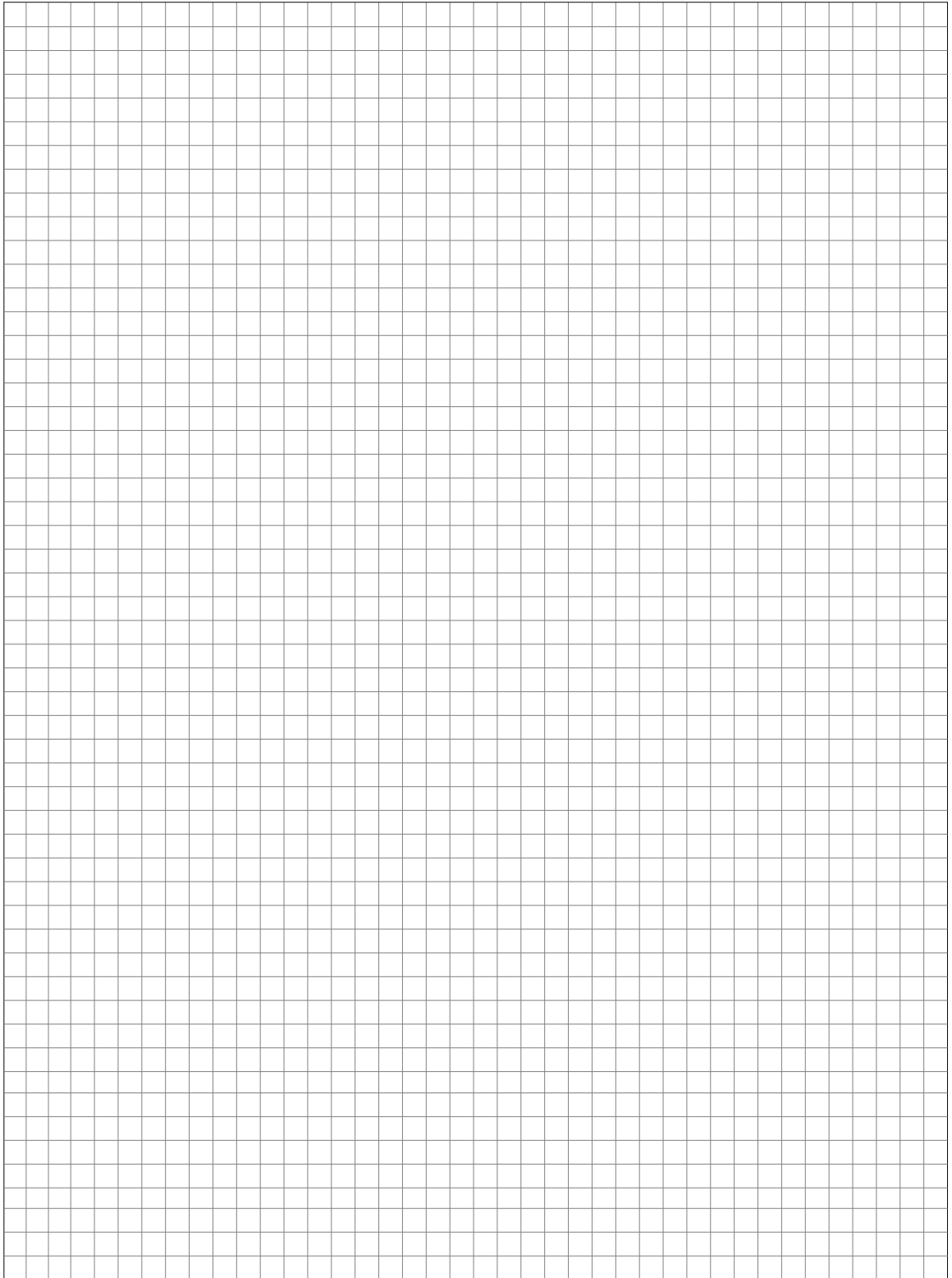
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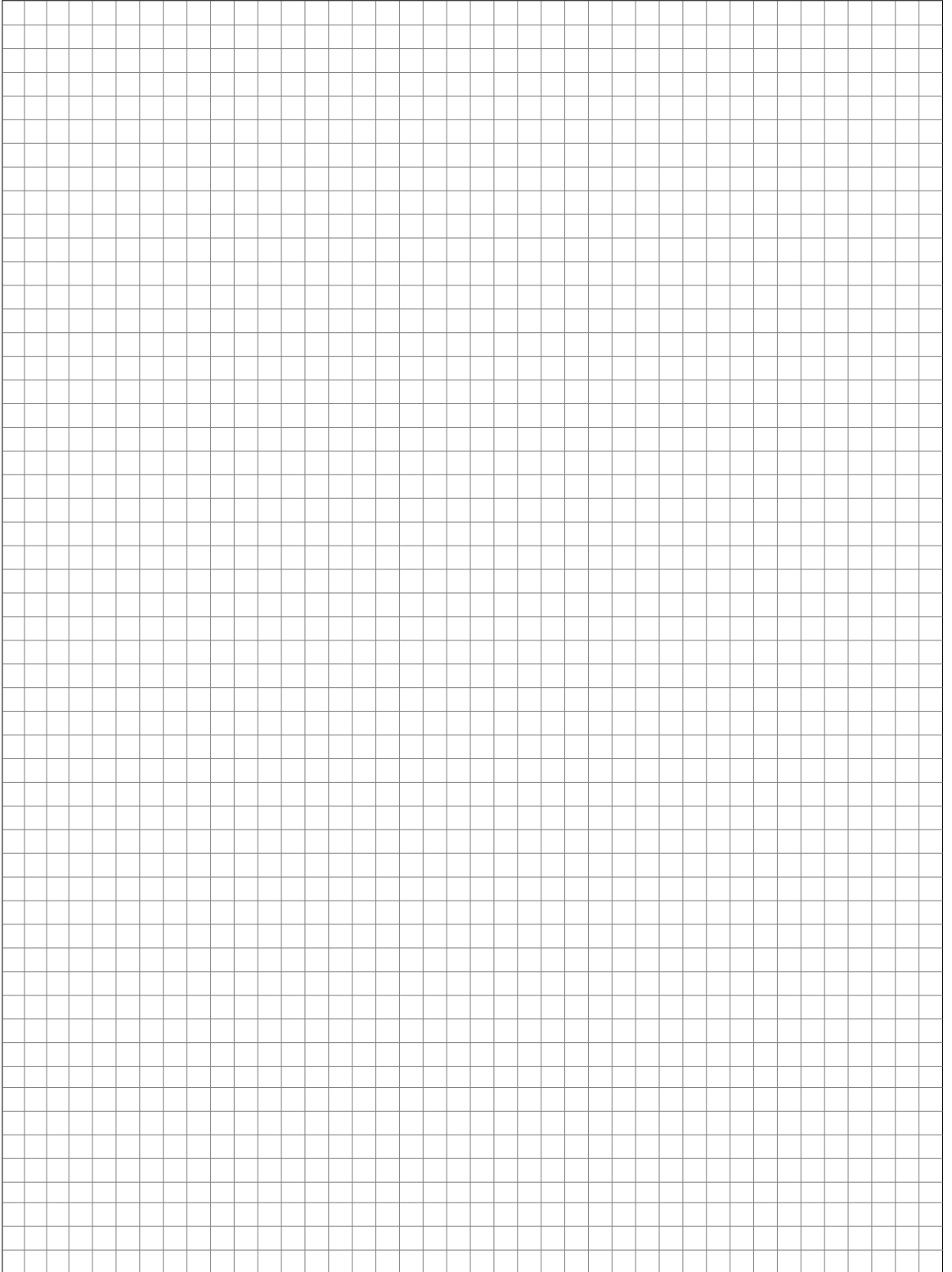
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Working towards a green future

Date: _____





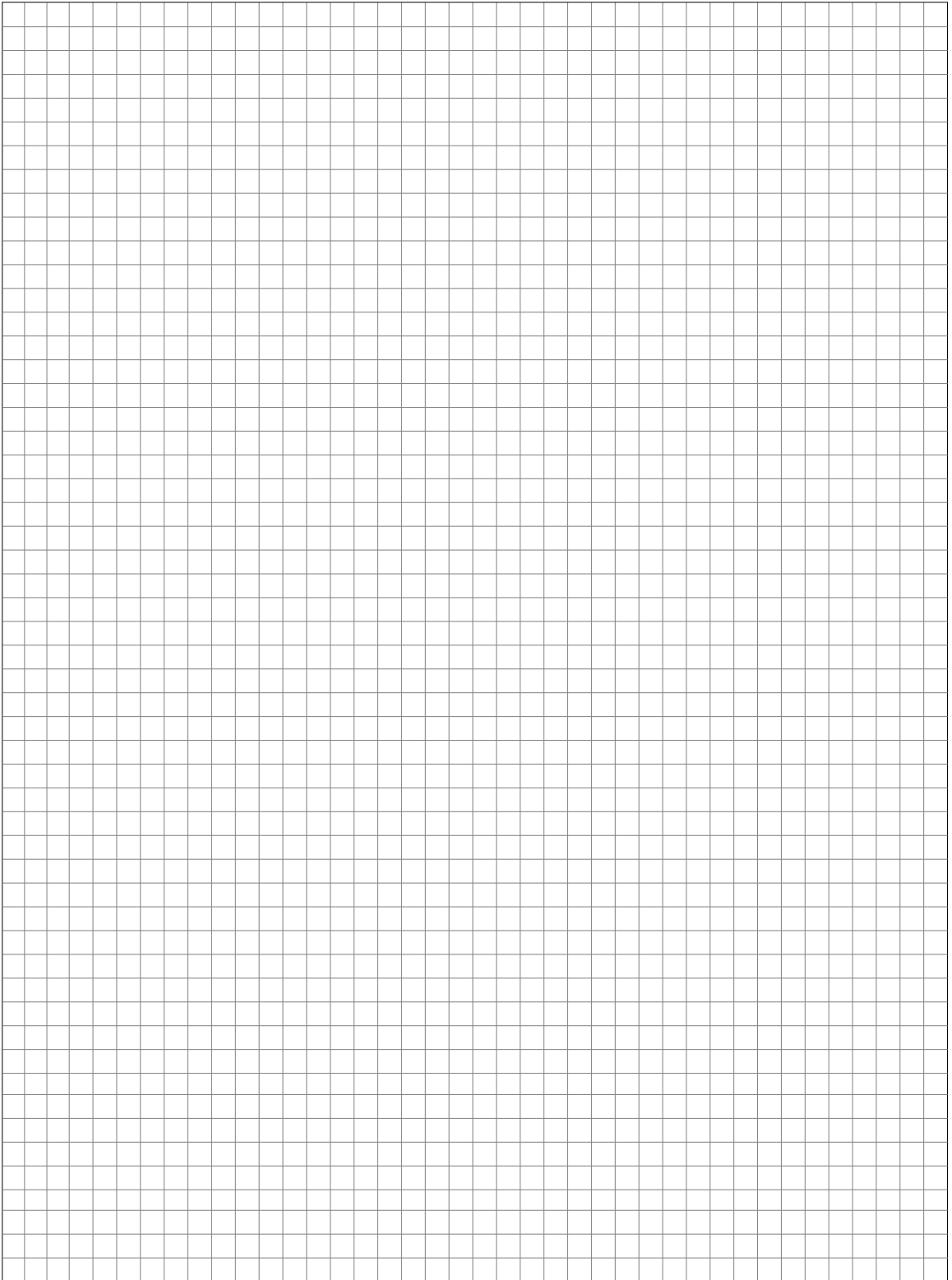
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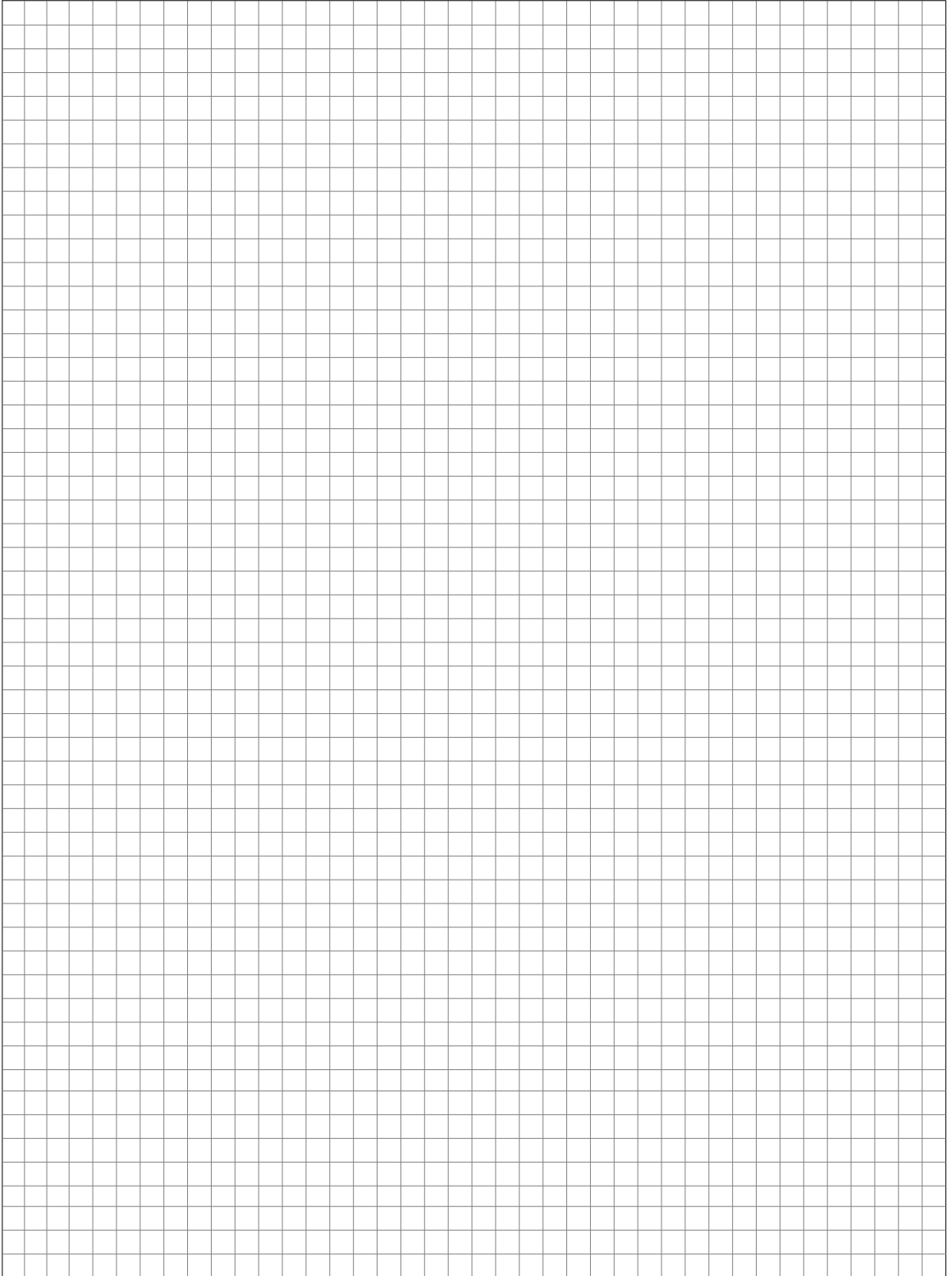
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Consultations to improve the understanding for better solution.

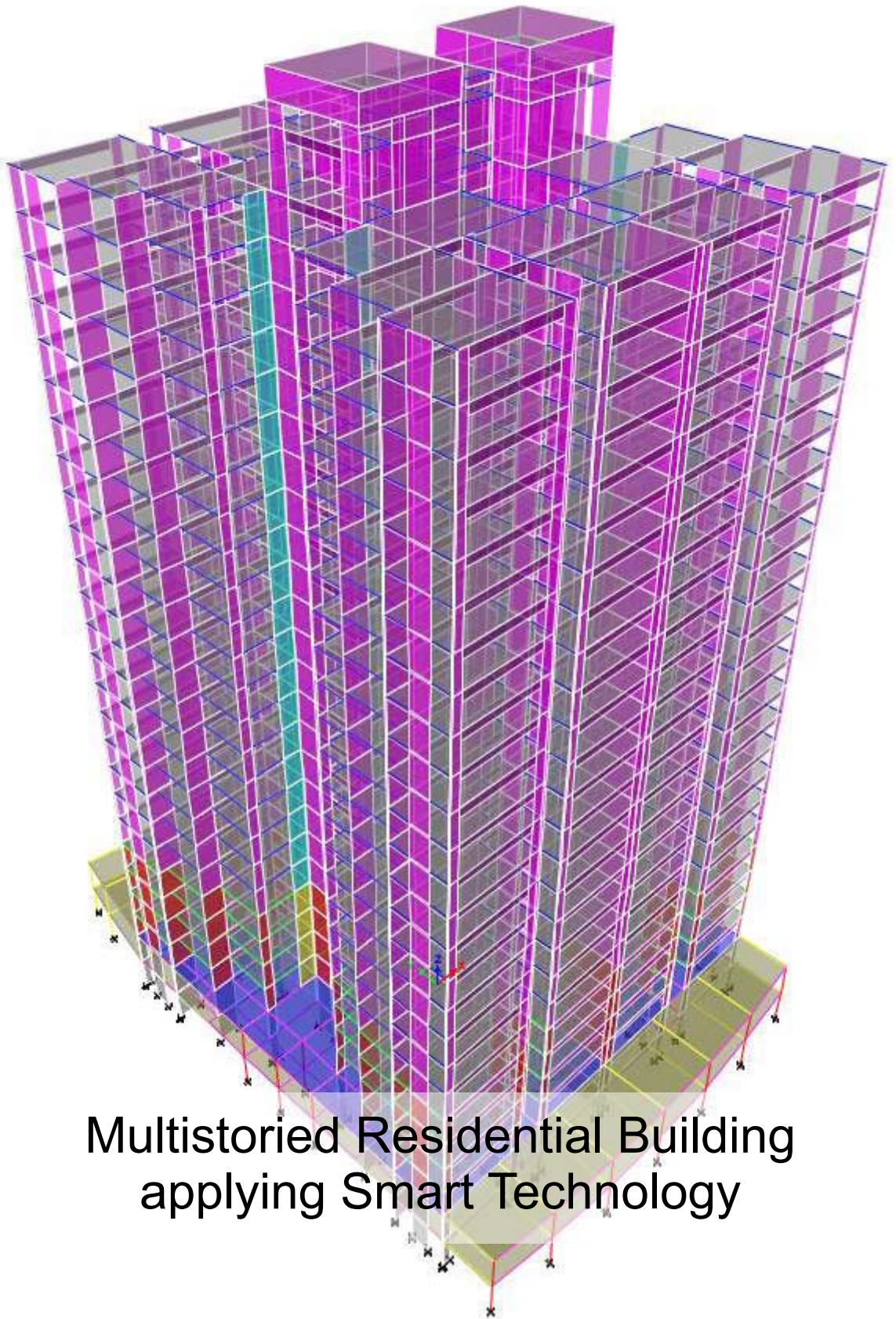




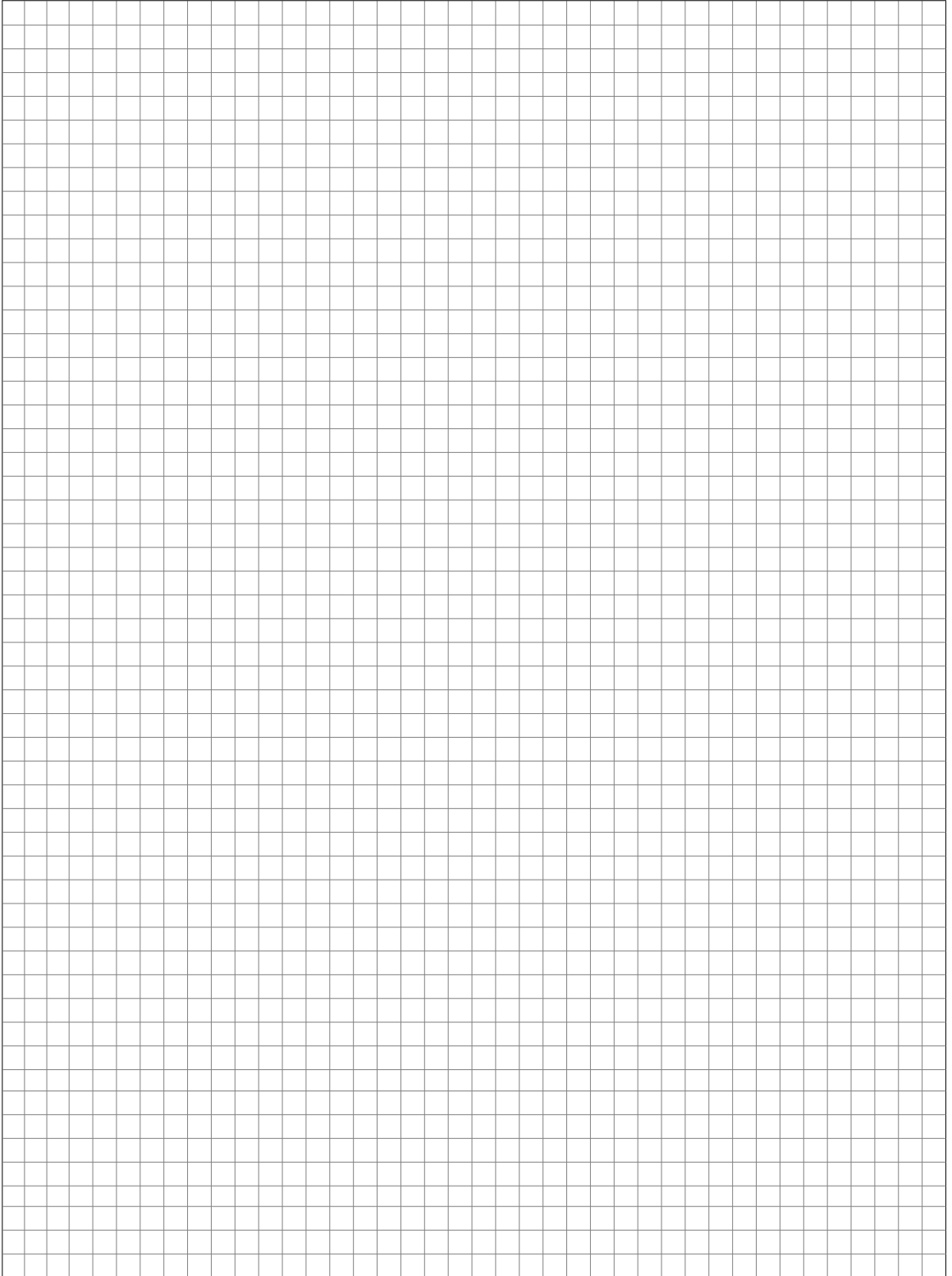
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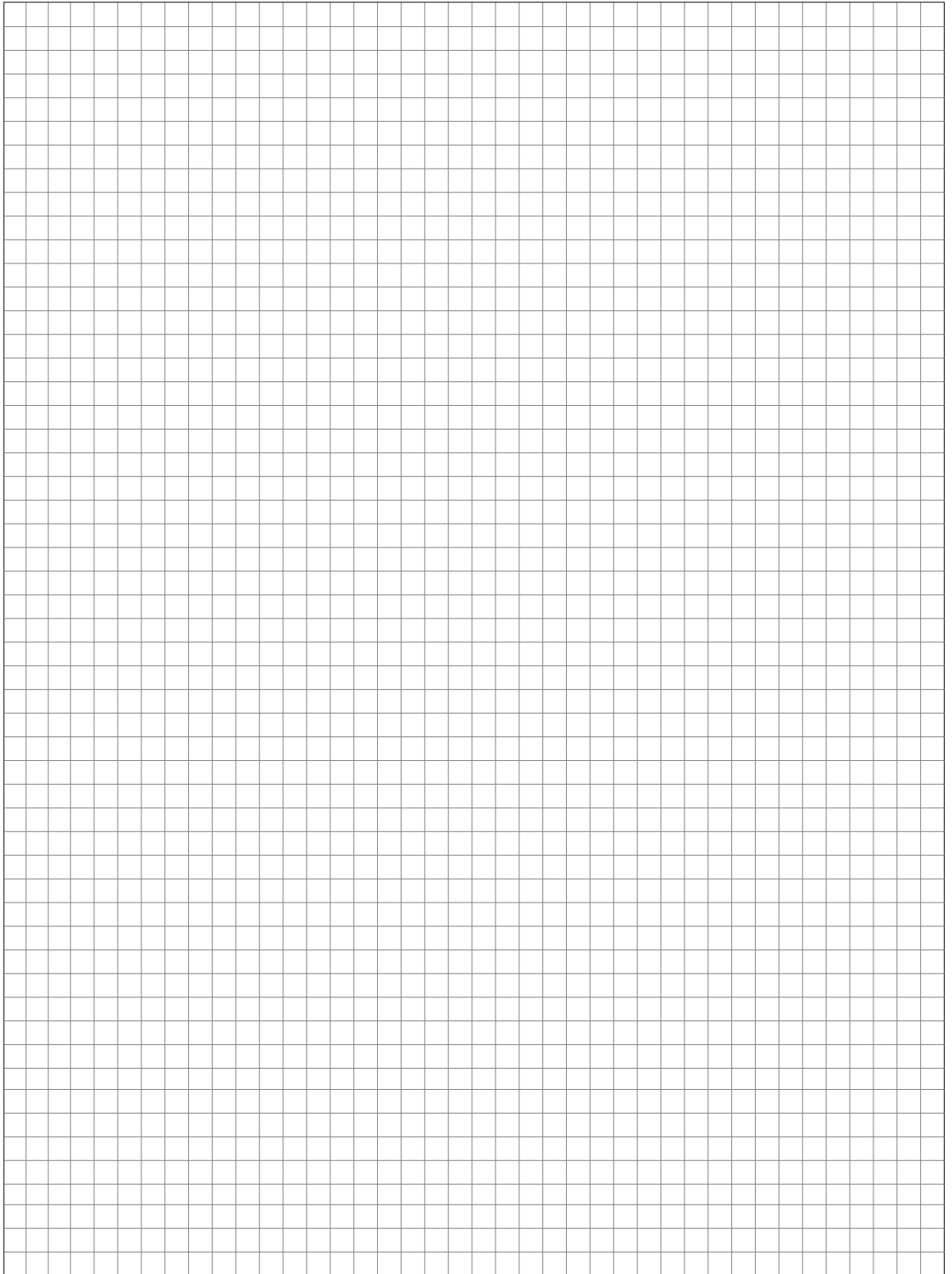
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Multistoried Residential Building
applying Smart Technology





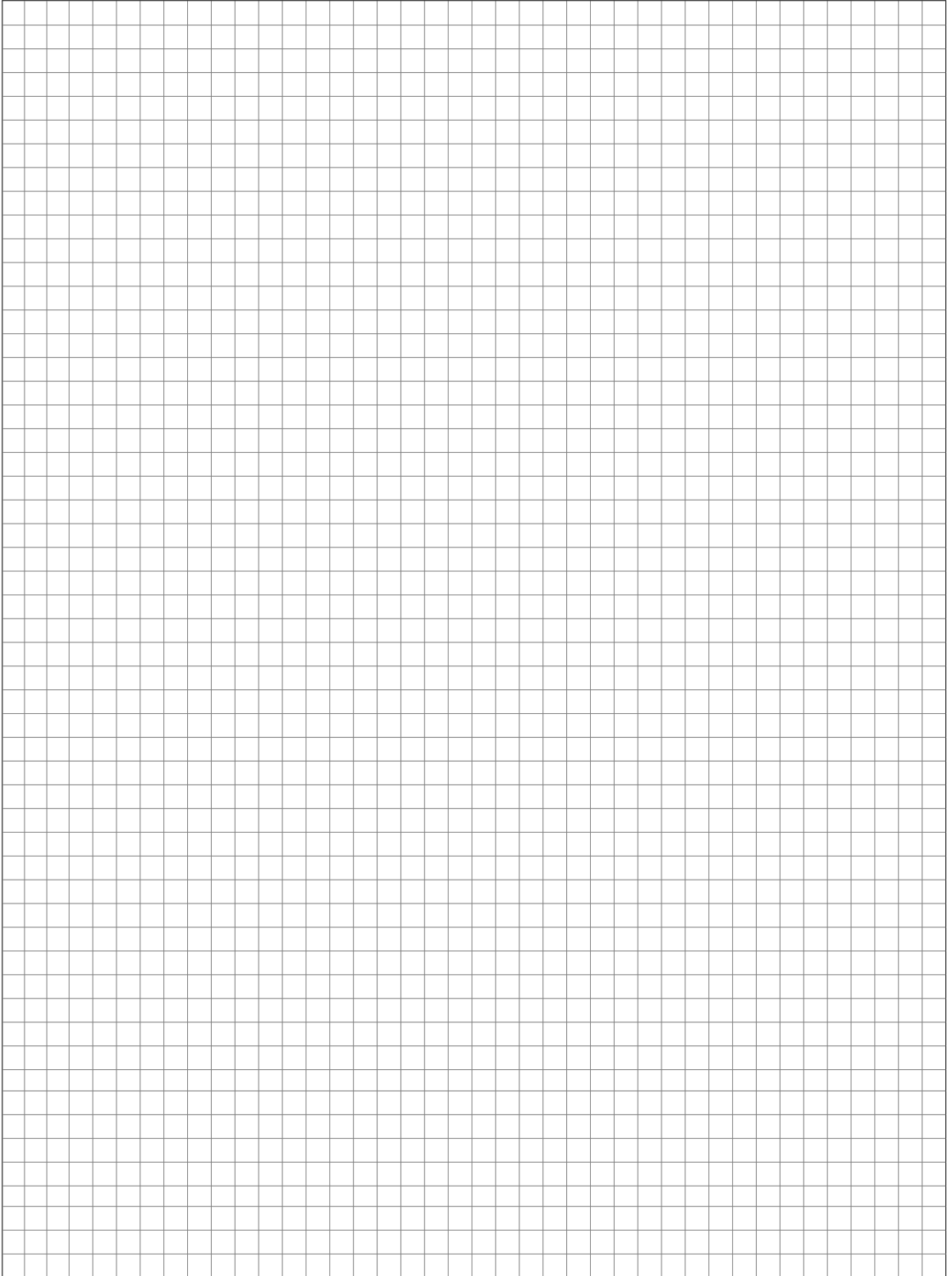
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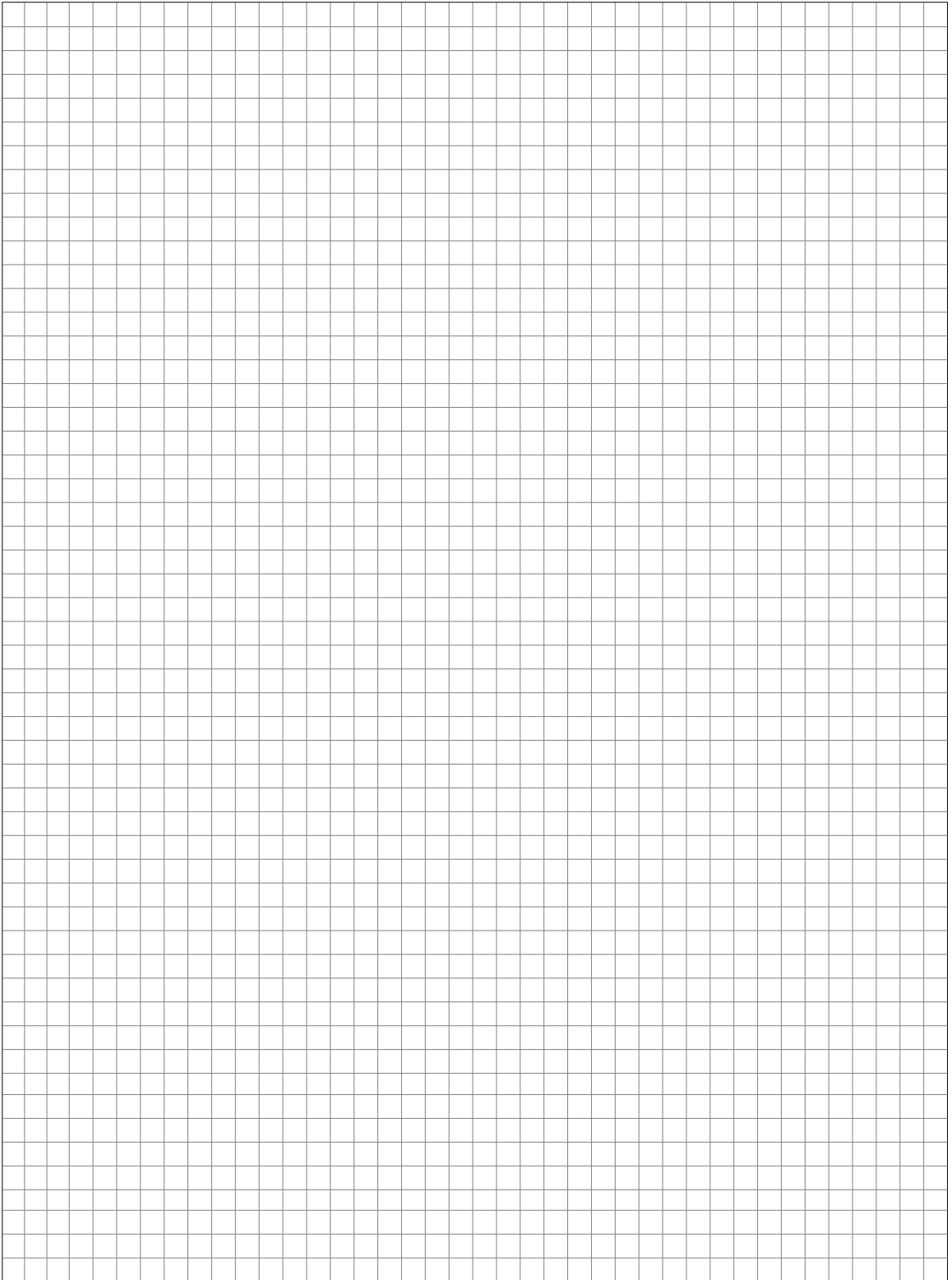
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Quality inspection for the
safety of the structure





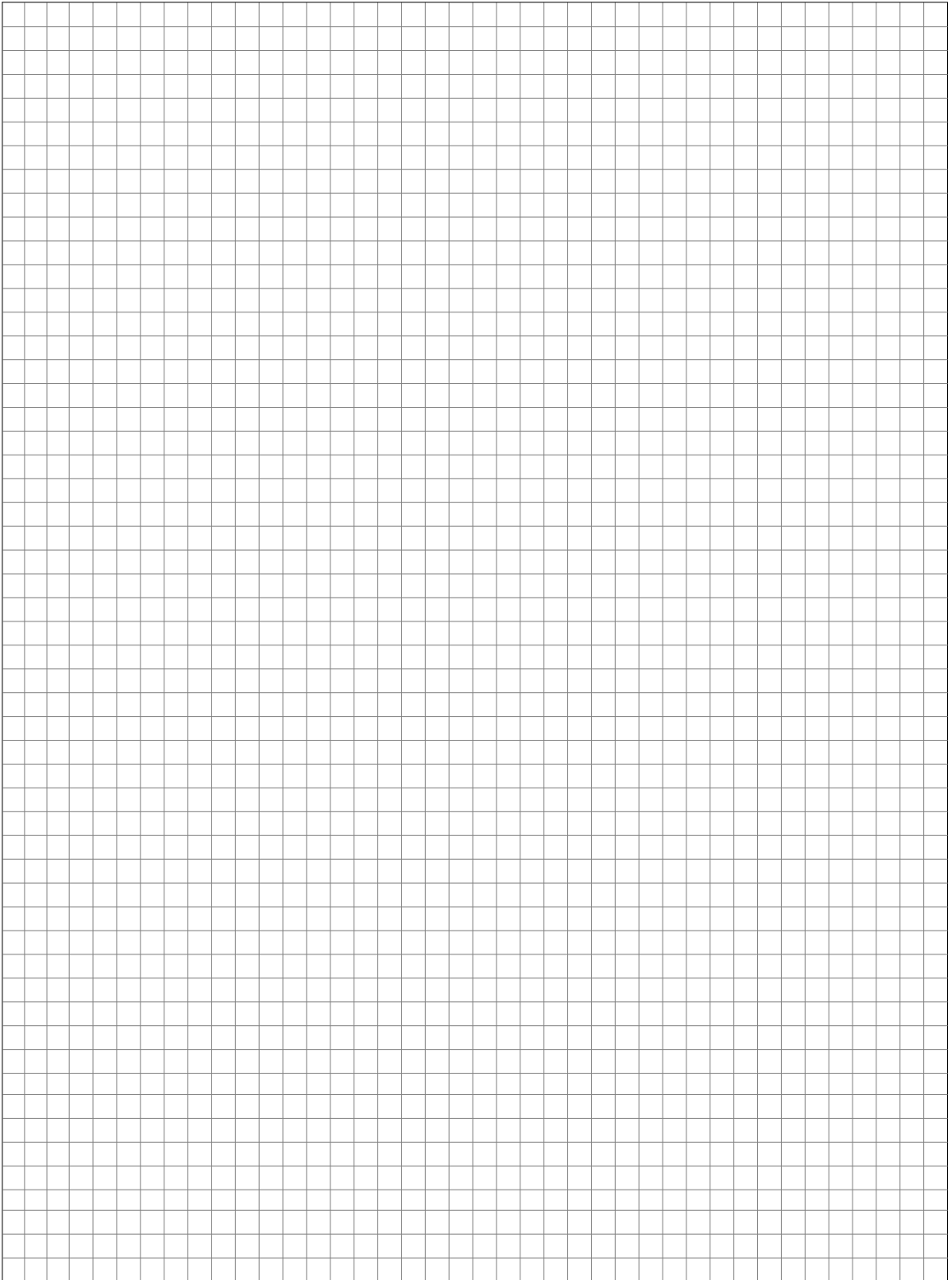
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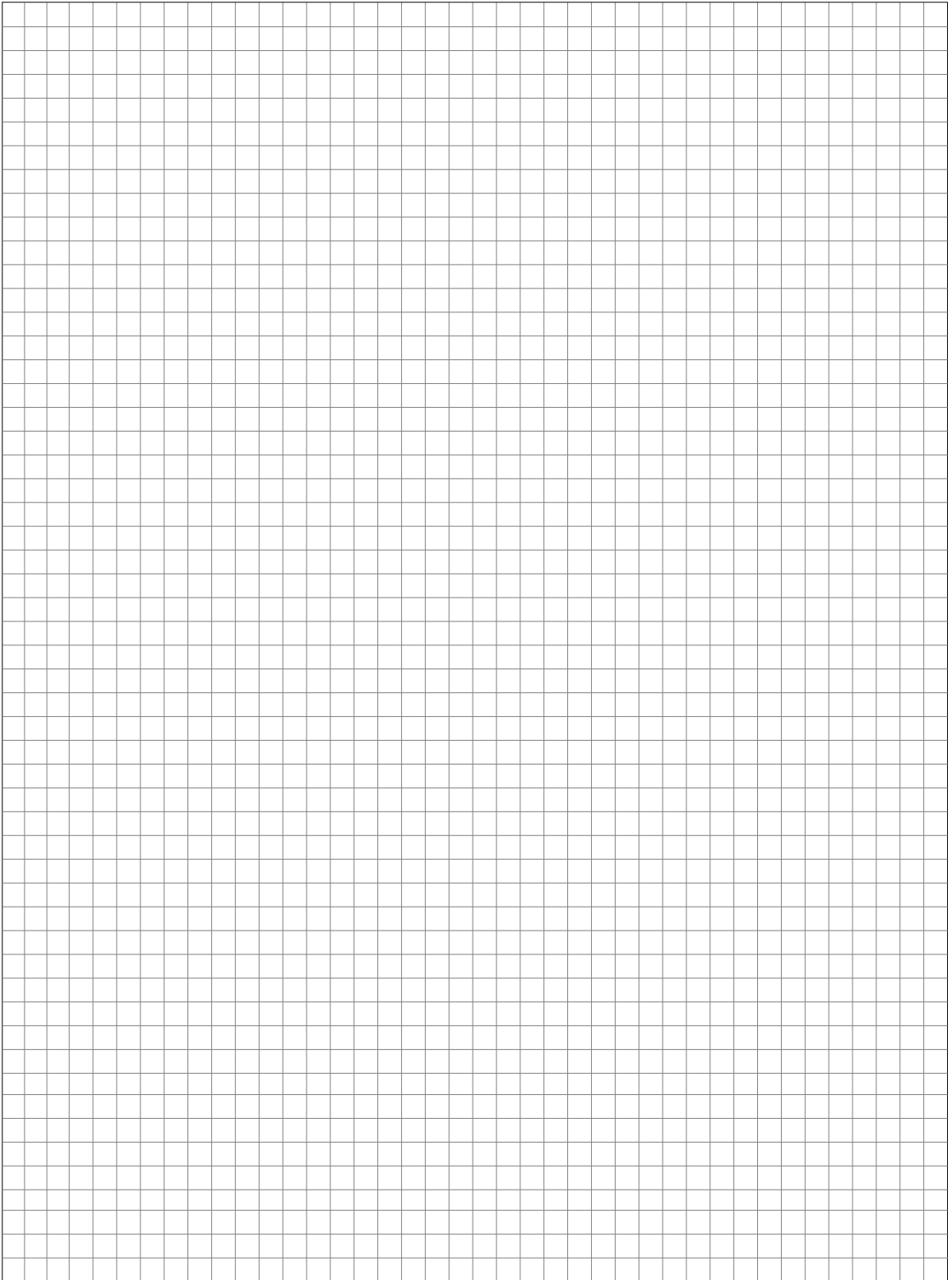
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Connecting People for better Planning

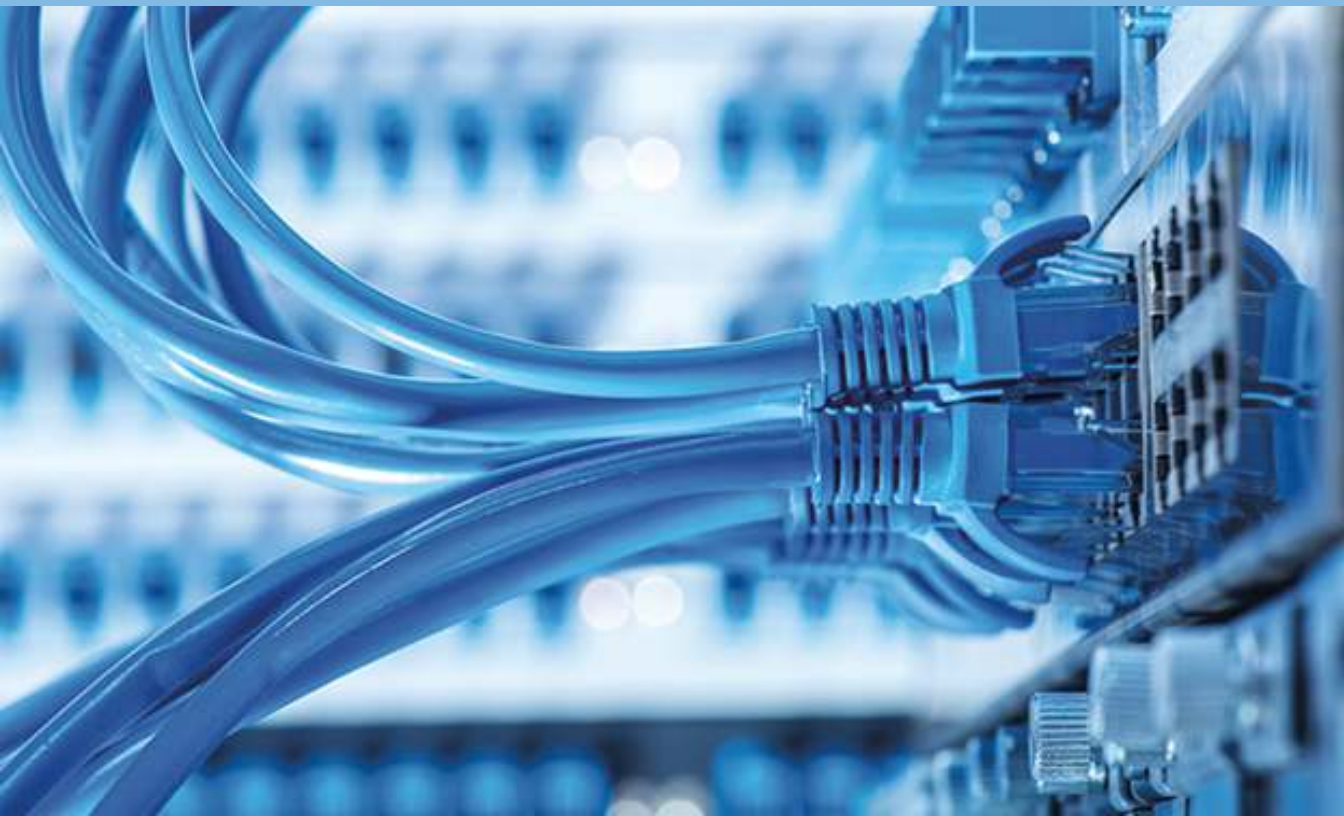




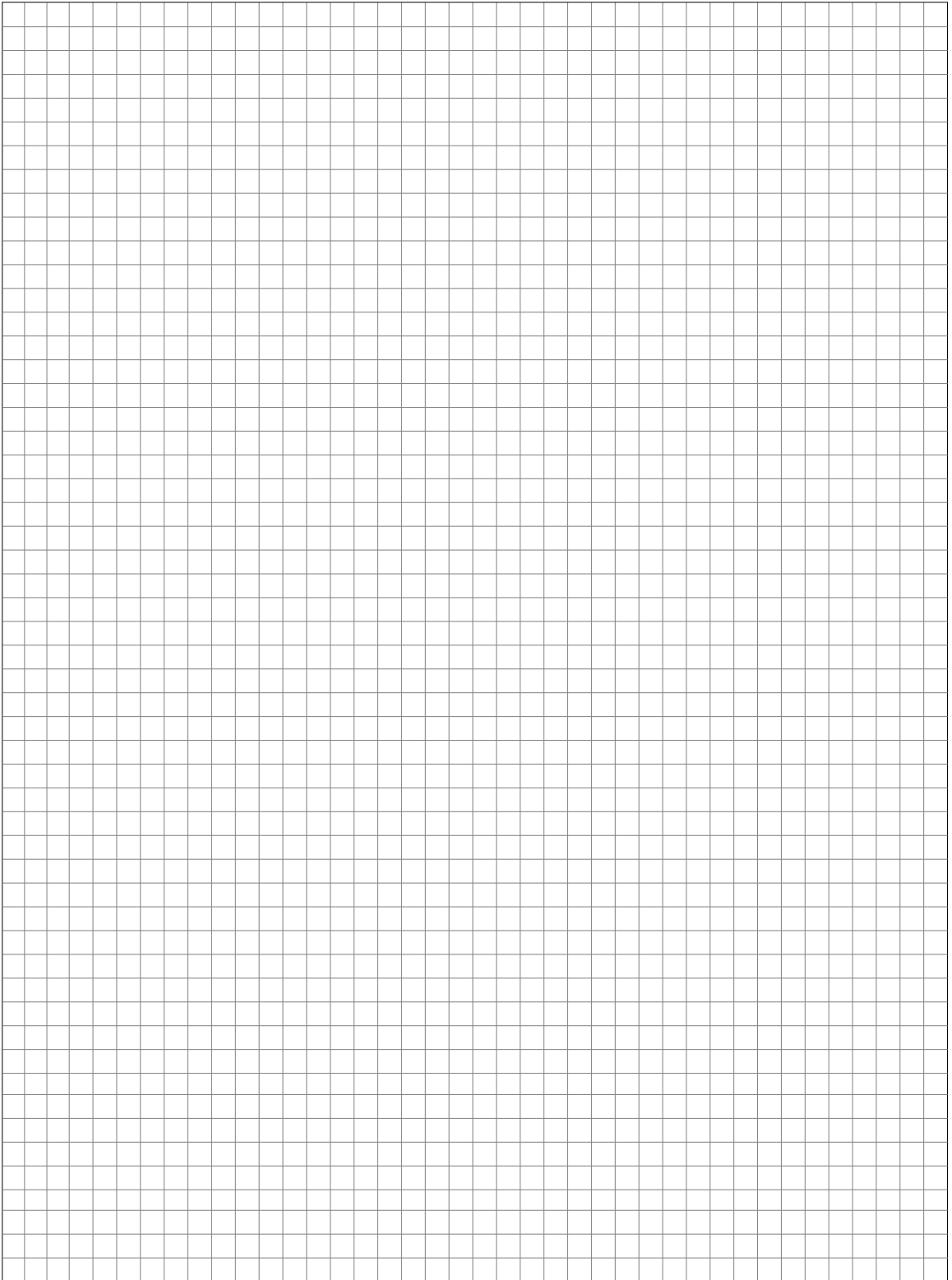
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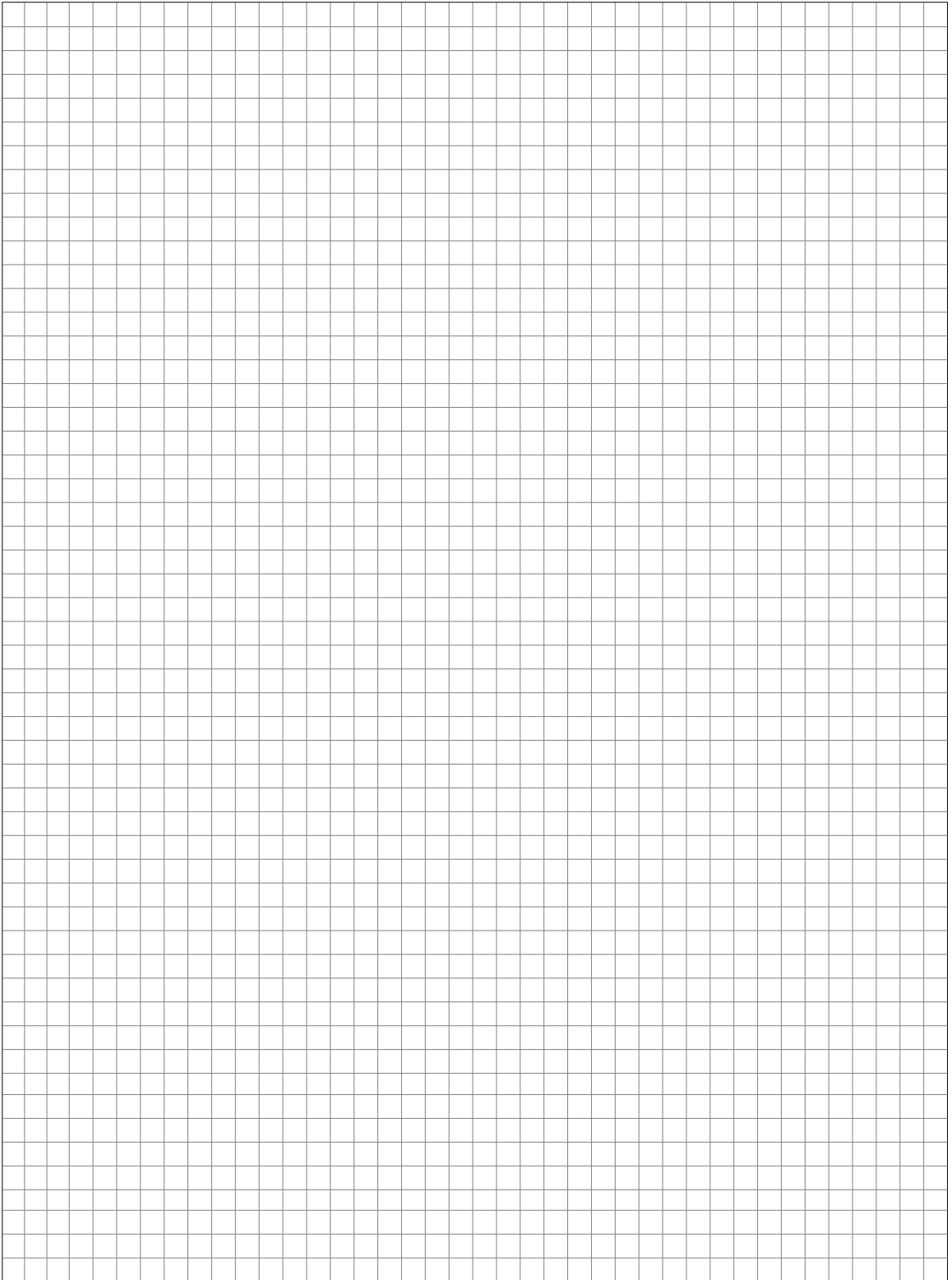
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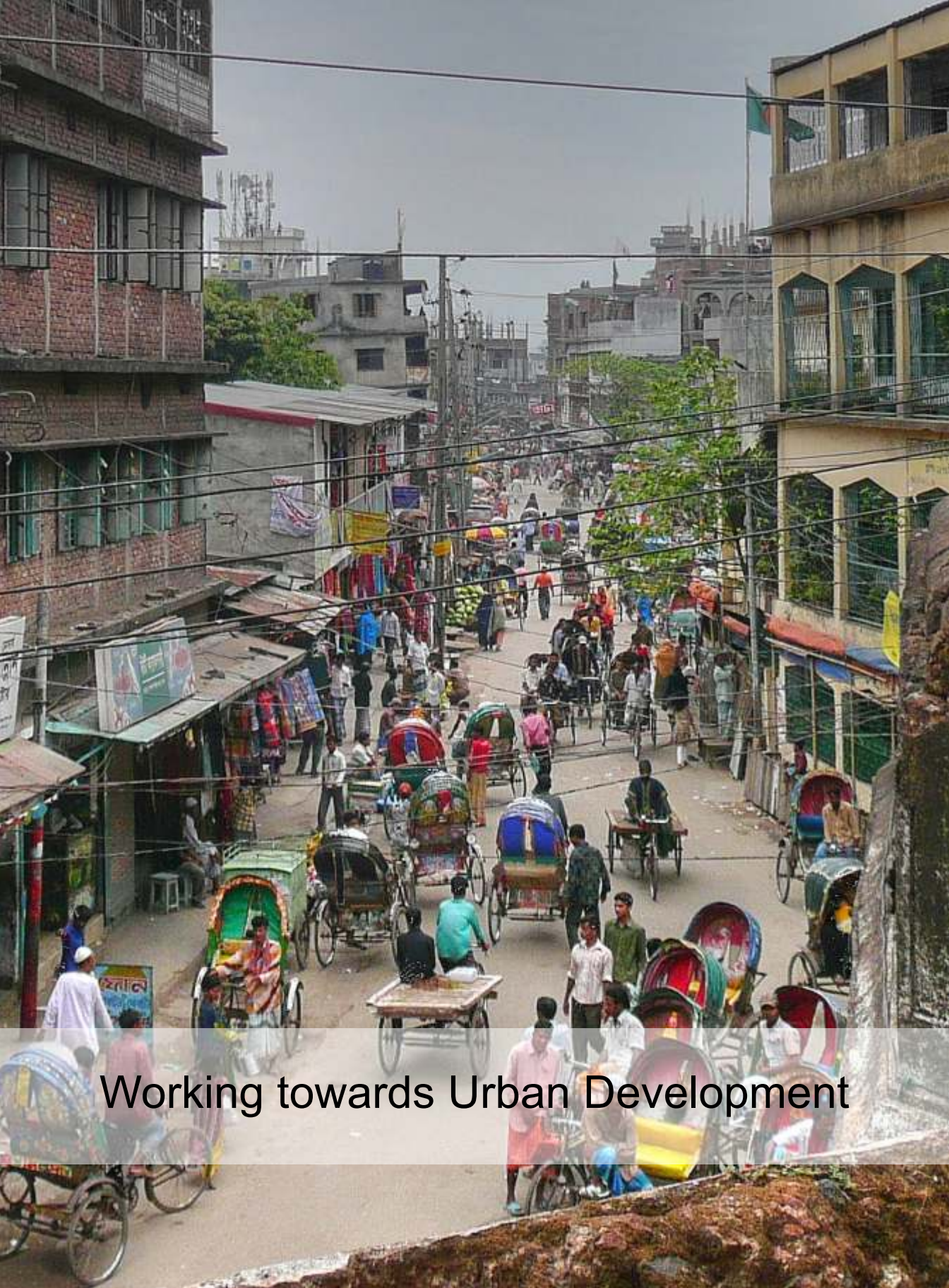
Creating Strong Network for reliable engineering



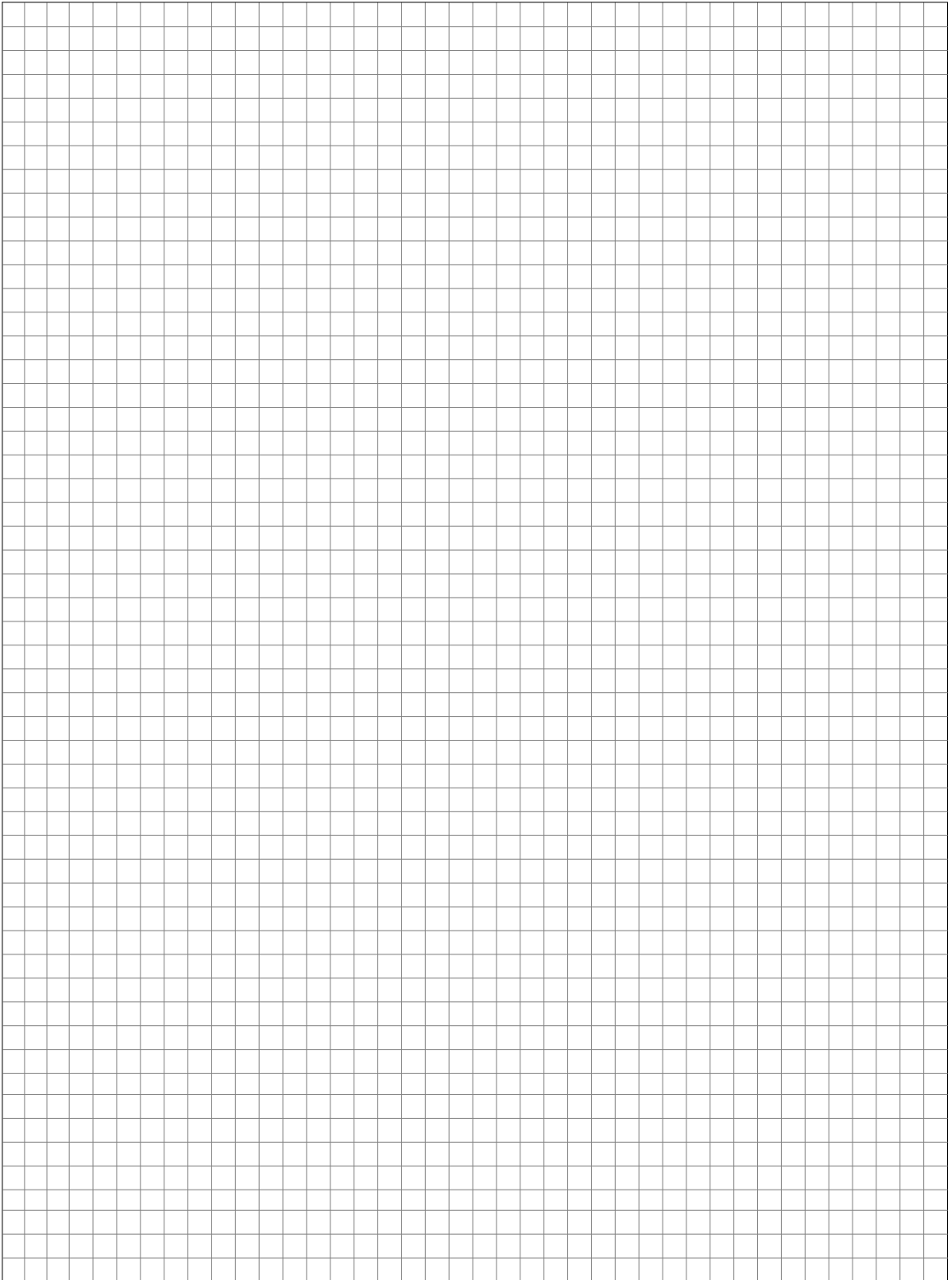


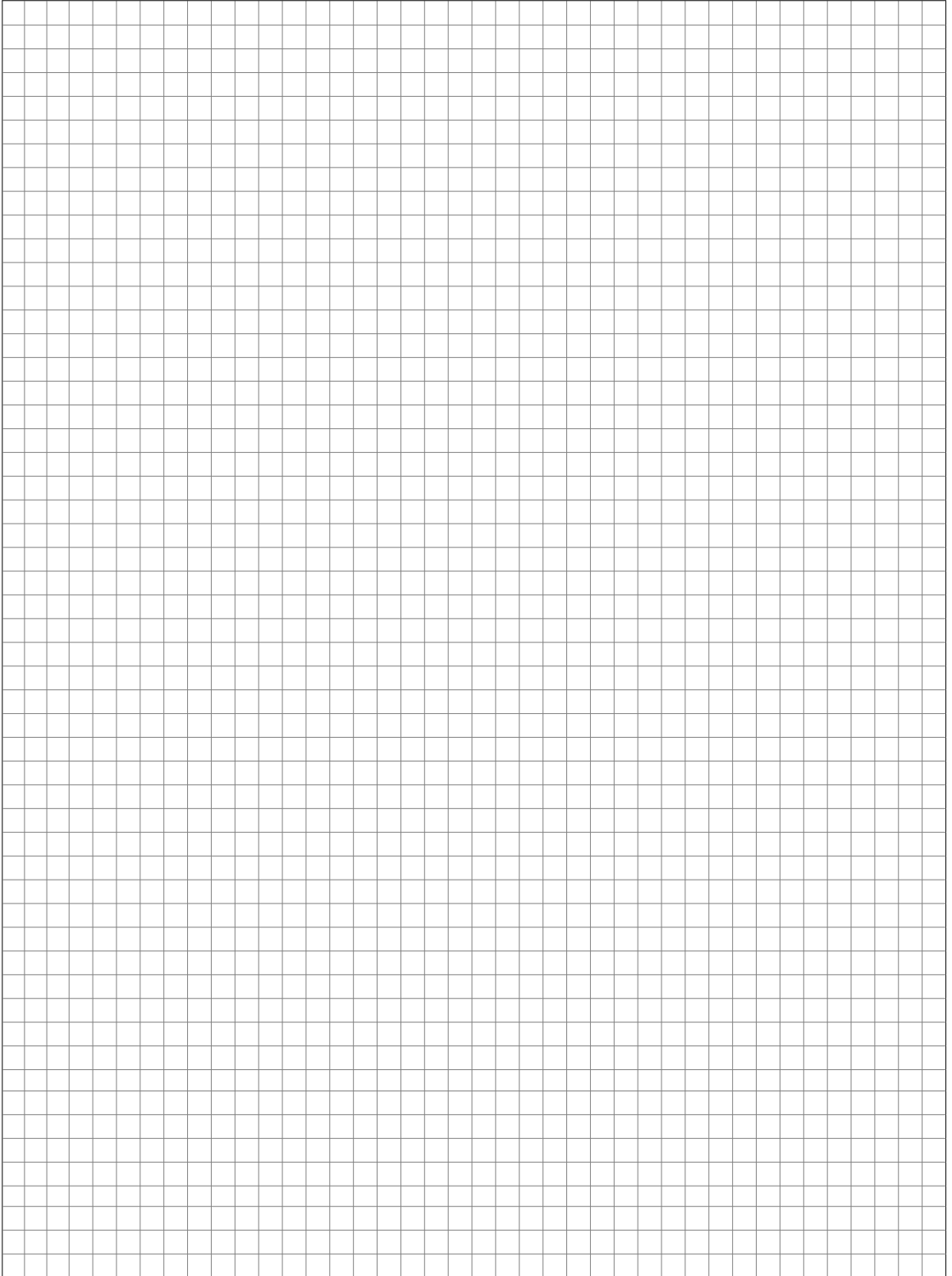
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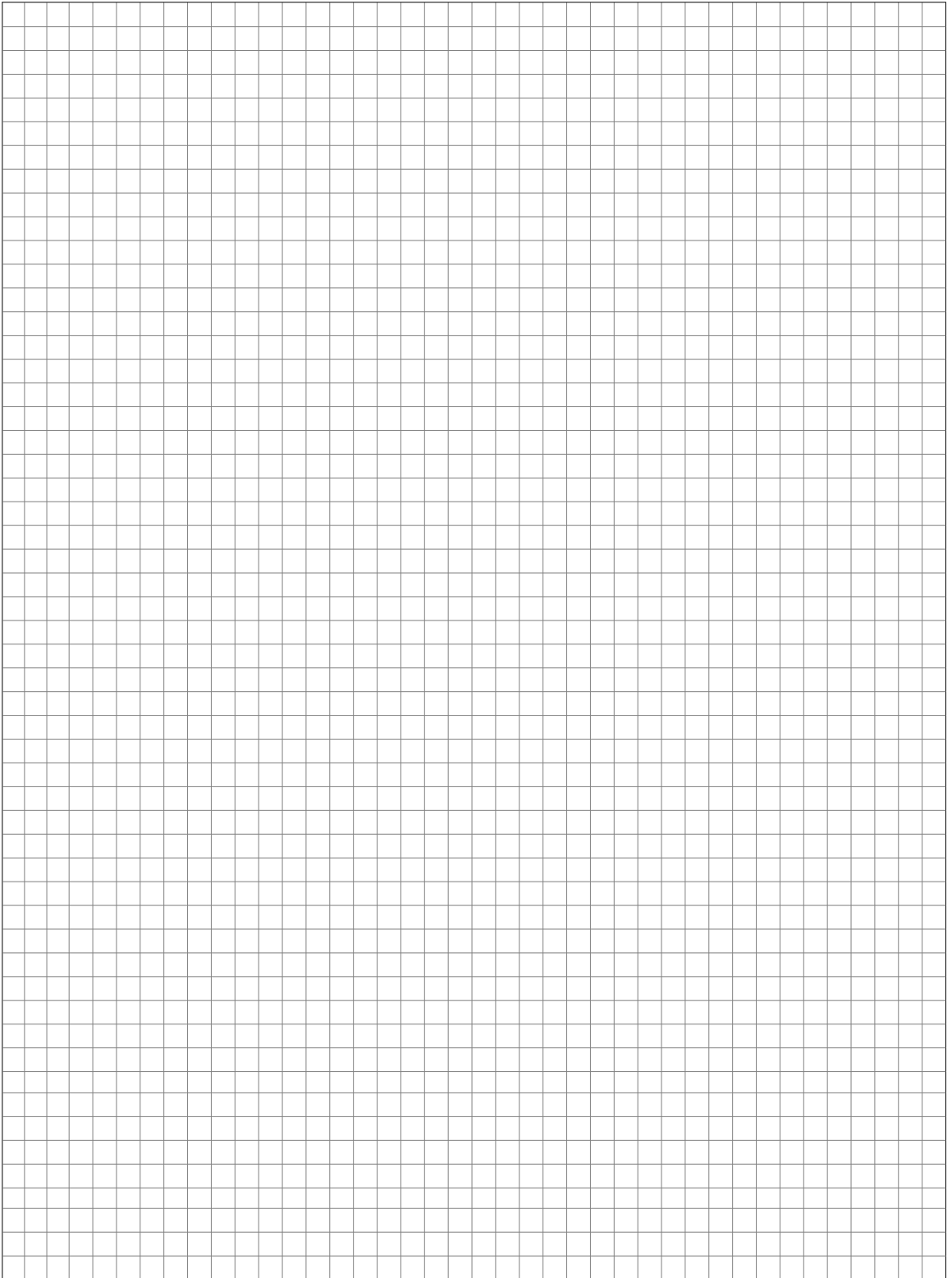
Working towards Urban Development





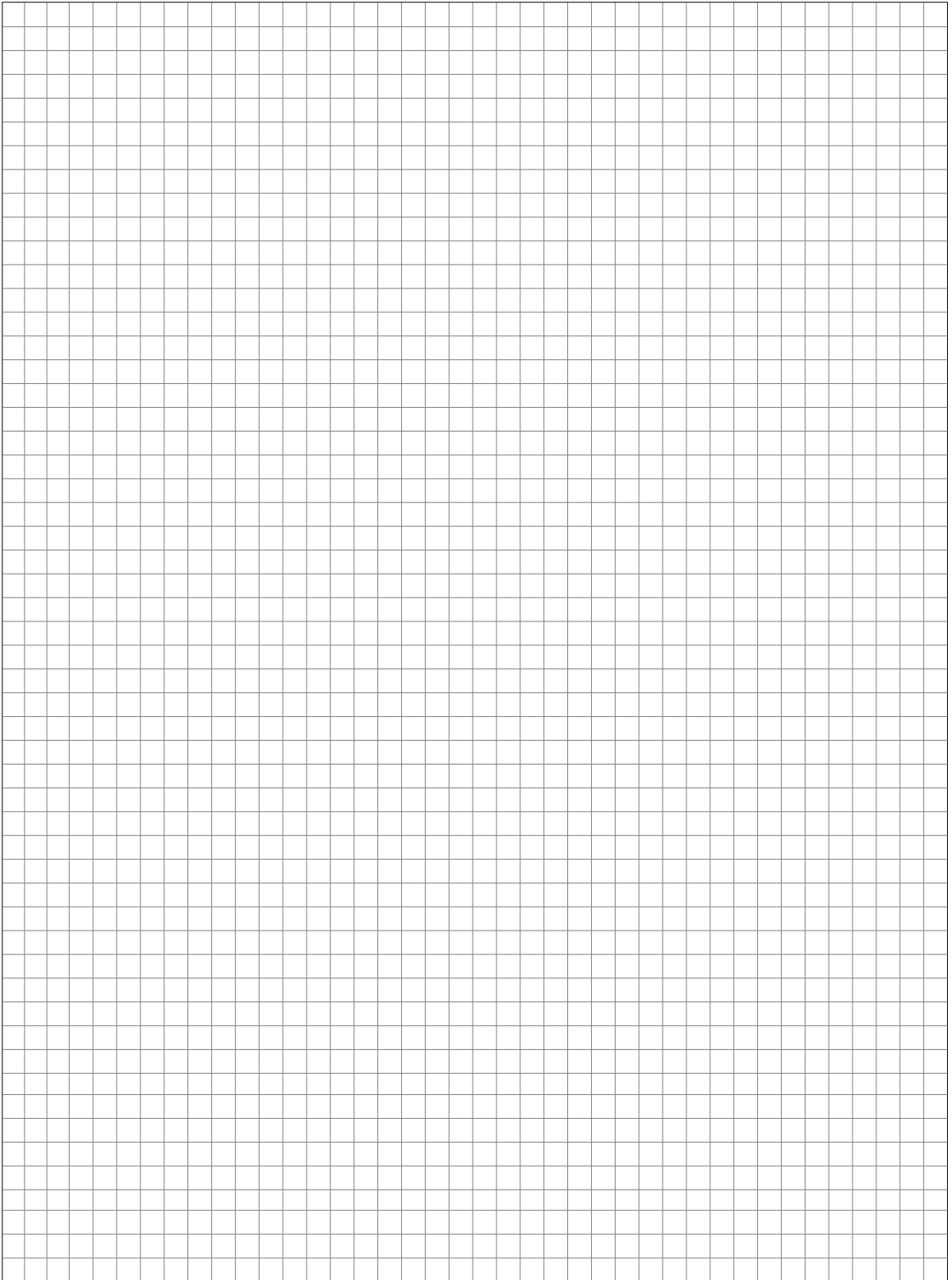
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Transforming your dreams into reality

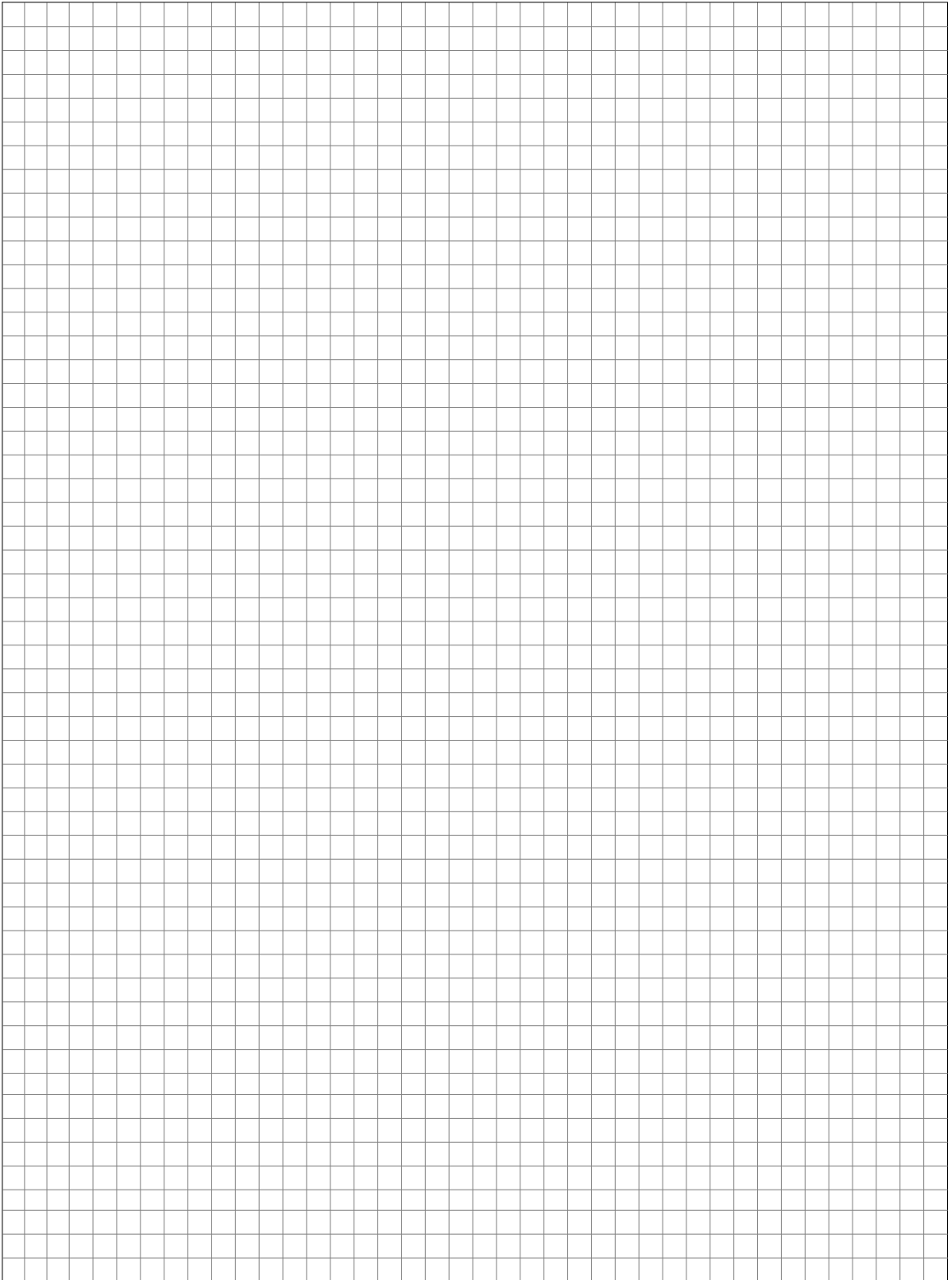


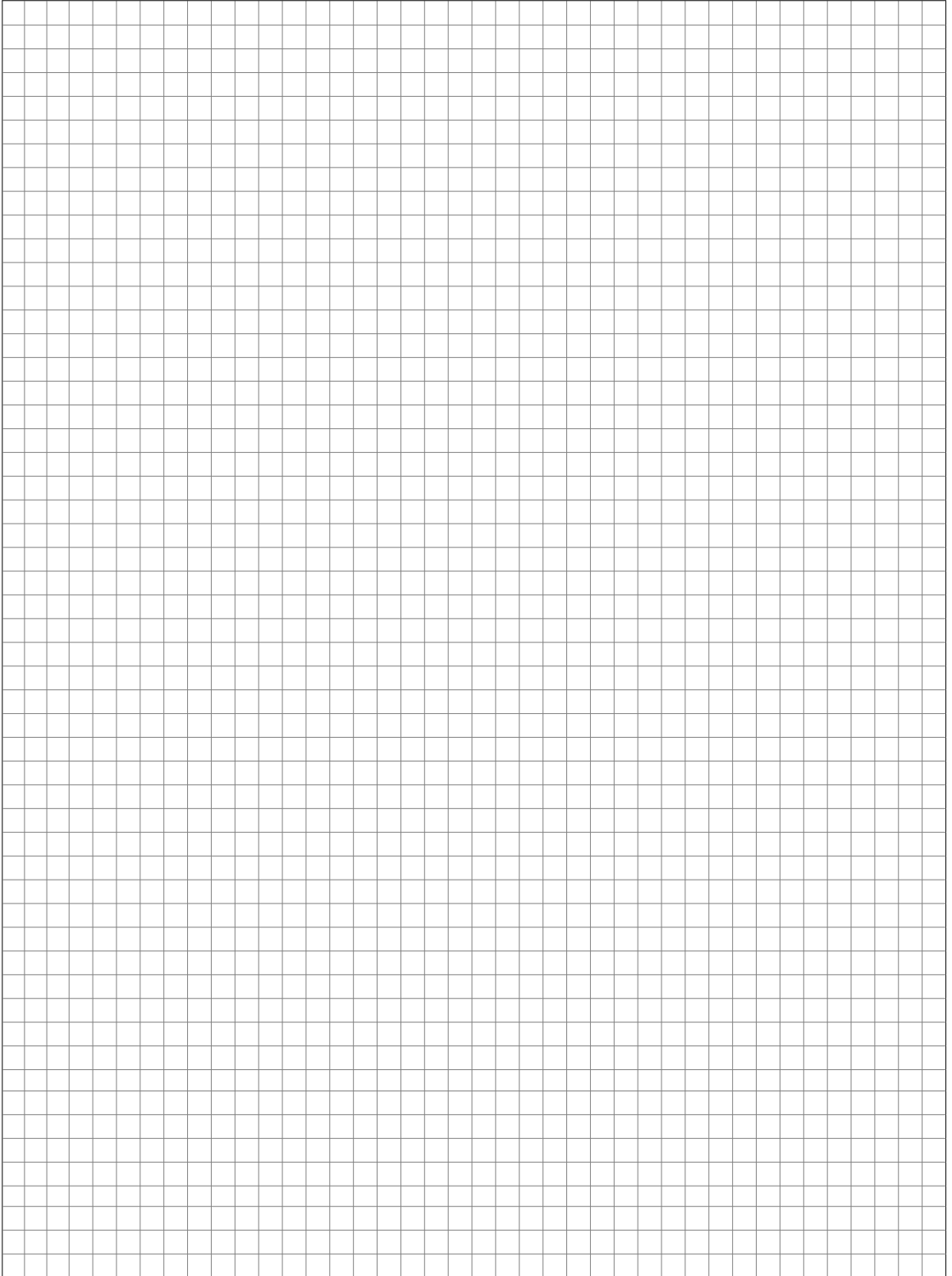
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Build better for future generation





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