

ALGEBRA 1

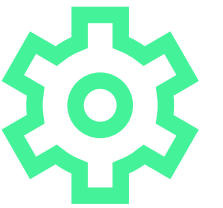
CHAPTER

BENCHMARKS

★ COMPLETE



DEFINED LEARNING PROJECTS



1

SOLVING
LINEAR
EQUATIONS

MA.912.AR.4.1

- Currently, no projects align with these benchmarks.

2

SOLVING
LINEAR
INEQUALITIES

MA.912.AR.2.6

- [Architect: Net-Zero Energy](#)
- [Video Game Designer](#)
- [Ball Tracking Developer](#)
- [Painting Business Owner](#)
- [Wedding Planner](#)

3

GRAPHING
LINEAR
FUNCTIONS

MA.912.AR.4.3
MA.912.F.1.5

- [Accident Scene Investigator](#)
- [Ventilation Designer](#)
- [Aircraft Designer](#)
- [Automotive Finance Manager](#)
- [Aeronautical Engineer](#)
- [Truck Fleet Manager](#)
- [Financial Analyst: LED Street Lights](#)
- [Nuclear Engineer: Chernobyl Tour Operator](#)
- [Virologist: Zika Virus and Vaccine Dosing](#)
- [Criminalist: Forensic Science](#)

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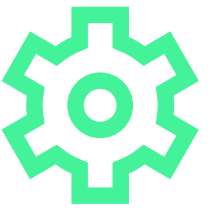
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BENCHMARKS

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DEFINED LEARNING PROJECTS



4

WRITING LINEAR FUNCTIONS

MA.912.AR.2.3
MA.912.AR.2.4
MA.912.AR.2.5
MA.912.DP.2.4
MA.912.DP.2.6

- [Aircraft Designer](#)
- [Video Game Environment Artist](#)
- [Food Activist: Eco-Friendly Meal Kit](#)
- [Pyrotechnician](#)
- [Automotive Finance Manager](#)
- [Rocket Golf Course Designer \(A\)](#)
- [Aeronautical Engineer](#)
- [Truck Fleet Manager](#)
- [Financial Analyst: LED Street Lights](#)
- [Financial Counselor: Hybrid Vehicles](#)
- [Rocket Golf Course Designer \(B\)](#)
- [Nuclear Engineer: Chernobyl Tour Operator](#)
- [Virologist: Zika Virus and Vaccine Dosing](#)
- [Sportswear Product Manager](#)
- [Criminalist: Forensic Science](#)
- [Fireworks Technician](#)
- [Healthcare Economist](#)
- [Researcher: Sampling](#)
- [Actuary: Car Insurance](#)
- [City Planning Board](#)
- [Roller Coaster Engineer](#)

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SOLVING SYSTEMS OF LINEAR EQUATIONS

MA.912.AR.2.1 MA.912.AR.9.6
MA.912.AR.2.2
MA.912.AR.2.7
MA.912.AR.2.8
MA.912.AR.9.1
MA.912.AR.9.4

- [Community Wellness Coach](#)
- [Architect: Net-Zero Energy](#)
- [Ball Tracking Developer](#)
- [Wedding Planner](#)
- [Food Truck Owner](#)
- [Wildlife Biologist: Endangered Species](#)
- [Personal Financial Advisor](#)
- [Financial Counselor: Hybrid Vehicles](#)
- [Virologist: Zika Virus and Vaccine Dosing](#)
- [Video Game Designer](#)
- [Painting Business Owner](#)
- [Investment Analyst: Microfinance](#)
- [Park Ranger Intern](#)
- [Logistics Analyst: Train Scheduling](#)
- [Financial Analyst: LED Street Lights](#)
- [Aircraft Designer](#)
- [Aeronautical Engineer](#)
- [Video Game Environment Artist](#)
- [Chef: Sustainable Meal Kits](#)

6

EXPONENTIAL FUNCTIONS AND SEQUENCES

MA.912.NSO.1.1
MA.912.NSO.1.2
MA.912.AR.1.1
MA.912.AR.5.3
MA.912.AR.5.4
MA.912.AR.5.6

- [Automotive Finance Manager](#)
- [Ball Tracking Developer](#)
- [Community Wellness Coach](#)
- [Aeronautical Engineer](#)
- [Financial Analyst: LED Street Lights](#)
- [Nuclear Engineer: Chernobyl Tour Operator](#)
- [Seismologist](#)
- [Marketing Specialist: Car Dealership](#)
- [Wildlife Biologist: Endangered Species \(A\)](#)
- [Personal Financial Advisor](#)
- [Wildlife Biologist: Endangered Species \(B\)](#)
- [Architect: Net-Zero Energy](#)
- [Painting Business Owner](#)
- [Aircraft Designer](#)
- [Roller Coaster Engineer](#)

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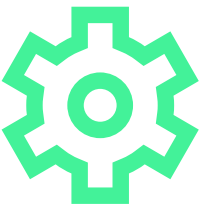
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BENCHMARKS

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DEFINED LEARNING PROJECTS



7

POLYNOMIAL EQUATIONS AND FACTORING

MA.912.AR.1.3
MA.912.AR.1.4
MA.912.AR.1.7

- Currently, no projects align with these benchmarks.

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GRAPHING QUADRATIC FUNCTIONS

MA.912.AR.3.4
MA.912.F.1.1
MA.912.F.1.3
MA.912.F.1.6
MA.912.F.1.8
MA.912.F.2.1

- [Community Wellness Coach](#)
- [Architect: Net-Zero Energy](#)
- [Video Game Designer](#)
- [Ball Tracking Developer](#)
- [Wildlife Biologist: Endangered Species \(A\)](#)
- [Aircraft Designer](#)
- [Automotive Finance Manager](#)
- [Personal Financial Advisor](#)
- [Financial Analyst: LED Street Lights](#)
- [Wildlife Biologist: Endangered Species \(B\)](#)
- [Nuclear Engineer: Chernobyl Tour Operator](#)
- [Virologist: Zika Virus and Vaccine Dosing](#)
- [Aeronautical Engineer](#)
- [Truck Fleet Manager](#)
- [Seismologist](#)
- [Roller Coaster Engineer](#)
- [Movie Script Writer](#)
- [Factory Floor Supervisor](#)
- [Criminalist: Forensic Science](#)
- [Actuary: Car Insurance](#)
- [Ventilation Designer](#)

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SOLVING QUADRATIC EQUATIONS

MA.912.AR.1.2
MA.912.AR.3.1
MA.912.AR.3.6
MA.912.AR.3.7
MA.912.AR.3.8

- [Accident Scene Investigator](#)
- [Ball Tracking Developer](#)
- [Painting Business Owner](#)
- [Traffic Accident Investigator](#)
- [Logistics Analyst: Train Scheduling](#)
- [Rocket Golf Course Designer \(A\)](#)
- [Rocket Golf Course Designer \(B\)](#)
- [Sportswear Product Manager](#)
- [Aircraft Designer](#)
- [Food Activist: Eco-Friendly Meal Kit](#)
- [Roller Coaster Engineer](#)

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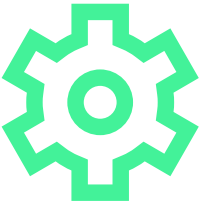
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BENCHMARKS

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DEFINED LEARNING PROJECTS



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DATA ANALYSIS
AND DISPLAYS

MA.912.DP.1.3

MA.912.DP.1.4

MA.912.DP.3.1

- [City Planning Board](#)
- [Marketing Segment Analyst](#)
- [Wind Analyst](#)
- [Medical Test Analyst](#)