My Score: 145

My Performance

Scoring into the Red Zone on GED Ready® shows that you are not likely to pass the GED® test without continuing to work on your Mathematical Reasoning skills. Although your performance in Mathematical Reasoning of the GED Ready™ shows your score is in a range where test-takers rarely pass this content area of the GED® test, your result only represents an indication of your preparedness and does not guarantee a negative result on the actual GED® test. Most test-takers that score in this range ultimately do not pass the GED® test in this content area on their first attempt. Most test-takers that score in this range need more preparation in order to pass the GED® test for this content area.

Test-takers who score into this zone typically show that they can perform the following skills in a limited and/or inconsistent way:

- Applying number properties that involve multiples and factors
- Solving problems using rational numbers at a limited and/or inconsistent level
- Computing unit rates at a limited and/or inconsistent level
- Computing the area and perimeter of triangles and rectangles at a limited and/or inconsistent level
- Determining side lengths of triangles and rectangles, when given area or perimeter, at a limited and/or inconsistent level
- Computing volume and surface area of rectangular prisms at a limited and/or inconsistent level
- Solving for height or side lengths of rectangular prisms, when given volume or surface area, at a limited and/or inconsistent level
- Representing, displaying, and interpreting data involving two variables in tables and the coordinate plane, including scatter plots and graphs
- Evaluating linear expressions
- Writing linear expressions, equations, and inequalities at a limited and/or inconsistent level, when given written descriptions
- Computing with polynomials at a limited and/or inconsistent level
- Solving algebraic and real-world problems involving linear equations at a limited and/or inconsistent level
- Solving algebraic and real-world problems involving a system of two linear equations
- Solving algebraic and real-world problems with inequalities at a limited and/or inconsistent level
- Locating points in the coordinate plane at a limited and/or inconsistent level
- Determining the slope of a line from a graph, equation, or table at a limited and/or inconsistent level
- For a linear or nonlinear relationship, sketching graphs and interpreting key features of graphs and tables in terms of quantities at a limited and/or inconsistent level
My Score: 145
Not Likely to Pass

Test Date: 02/13/2015

How I Can Score Higher

Step 1  Select your study material to create a customized study plan based on your answers:

- i-Pathways
  by ICCB/CAIT
  i-Pathways - an online GED preparation curriculum that includes teaching tools and instructional strategies to ensure student success
  Buy Online (https://2014.i-pathways.org/UserAuth/LoginLoginPage.action)

Step 2  Use the study material selected above to improve your skills listed below:

Quantitative Problem-Solving with Rational Numbers

Skill You Can Improve

- Identify the absolute value of a rational number as its distance from 0 on the number line and find the distance between two rational numbers on the number line
  Unit 1 Lesson 1

- Use scale factors to find the magnitude of a size change and convert between actual drawings and scale drawings
  Basic Math Unit 4 Lesson 5

Quantitative Problem-Solving in Measurement

Skill You Can Improve

- Find the side lengths of triangles, rectangles, and polygons when given the area or perimeter
  Unit 3, Lesson 5

- Compute volume and surface area of right prisms and pyramids, cylinders, spheres, cones, and composite figures
  Unit 3 Lesson 5 and 6

Algebraic Problem-Solving with Expressions and Equations

Skill You Can Improve

- Solve arithmetic and real-world problems with inequalities and graph solutions on a number line
  Unit 2, Lessons 8, 9, 10, 11;
  Unit 4, Lessons 2, 3, and 4;
  Unit 5 Lesson 9

- Solve quadratic equations in one variable
  Unit 6 Lessons 9, 10, and 11

- Compute with and factor polynomials
  Unit 6 Lessons 1 - 10

- Evaluate linear, polynomial, and rational expressions
  Unit 2 Lessons 1 through 11;
  Unit 4 Lessons 1 through 4;
  Unit 6 Lessons 9 and 10;
  Unit 7, Lesson 4

Algebraic Problem-Solving with Graphs and Functions

Skill You Can Improve

- Compare two different proportional relationships OR two linear or quadratic functions when each is represented in different ways
  Unit 5, Lessons 2, 9, and 11;
  Unit 6, Lessons 9,10, and 11;
For a linear or nonlinear relationship, sketch graphs and interpret key features of graphs and tables in terms of quantities

Write the equation of a line passing through two given distinct points

Using a table or graph, represent or identify a function as having exactly one output for each input

Find the slope of a line from a graph, equation or table

Additional Skills to Work On

Scoring into the Green Zone on the GED Ready® shows that you are likely to pass the GED® test. In order to progress into the Green Zone, consider doing the following:

Strengthen the skills listed in the Red Zone and apply them at a basic level of proficiency, with a particular focus on improving the following Red Zone skills:

- Solving problems using rational numbers
- Computing unit rates
- Computing the area and perimeter of triangles and rectangles
- Computing volume and surface area of rectangular prisms
- Creating linear expressions, equations, and inequalities when given written descriptions
- Computing with polynomials
- Solving real-world problems that involve linear equations in one variable
- Solving algebraic and real-world problems with inequalities
- Locating points on the coordinate plane
- Finding the slope of a line from a graph, equation, or table
- For a linear or nonlinear relationship, sketching graphs and interpreting key features of graphs and tables in quantitative terms

Develop the following additional skills:

- Placing fractions and decimals in order, including when using a number line
- Simplifying numerical expressions with rational exponents
- Writing and computing with numerical expressions with squares, square roots, cubes, and cube roots of positive, rational numbers
- Determining when a numerical expression is undefined
- Using scale factors to figure out the magnitude of a size change and converting between actual drawings and scale drawings
- Solving two-step, arithmetic, real world problems that involve ratios, proportions, and percents
- Computing the area and perimeter of composite figures
- Computing volume and surface area of cylinders and spheres
- Representing, displaying, and interpreting categorical data in bar graphs, circle graphs, dot plots, histograms, and box plots
- Calculating the median, mode, weighted average, and missing data value when you are given the average and all the missing data values except for one
- Computing with linear expressions
- Evaluating polynomial and rational expressions
- Solving quadratic equations in one variable
- Creating quadratic equations with written descriptions you have been given
- Graphing linear equations on the coordinate plane
- Understanding that a unit rate is equivalent to slope in a proportional relationship
- Writing the equation of a line when given the slope and a point or two distinct points
- Using slope to identify parallel and perpendicular lines, and solving geometric problems
- Using a table or graph to represent or identify a function as having exactly one output for each input
- Evaluating linear and quadratic functions

Please note that your projected score for Mathematical Reasoning of the GED® test is valid for 60 days from the date you took Mathematical Reasoning of GED Ready®. In addition, it assumes you took Mathematical Reasoning of GED Ready® in one sitting, under timed conditions, with no breaks. The projected score is only an indication of your preparedness for the actual GED® test and does not guarantee that you will actually obtain the projected score on the GED® test. See My Scores, “Review My Written Answers” page for detailed descriptions of typical written answers to Extended Response items that would meet the passing standard. Although the study recommendations listed on the “How I Can Score Higher” page may aid you in preparing for the GED® test, following these recommendations alone does not guarantee a positive result on the actual GED® test.
### My Score: 145

**Not Likely to Pass**

**Test Date:** 02/13/2015

---

#### How I Can Score Higher

**Step 1** Select your study material to create a customized study plan based on your answers:  

*Math Sense 2 - Focus on Problem Solving*  
by New Readers Press  

**Step 2** Use the study material selected above to improve your skills listed below:

**Quantitative Problem-Solving with Rational Numbers**

- **Skill You Can Improve:** Identify the absolute value of a rational number as its distance from 0 on the number line and find the distance between two rational numbers on the number line  
  - **Publisher Study Recommendations:** MS2: 28
- **Skill You Can Improve:** Use scale factors to find the magnitude of a size change and convert between actual drawings and scale drawings  
  - **Publisher Study Recommendations:** MS1: 118

**Quantitative Problem-Solving in Measurement**

- **Skill You Can Improve:** Find the side lengths of triangles, rectangles, and polygons when given the area or perimeter  
  - **Publisher Study Recommendations:** MS2: 120, 122, 124, 126, 128
- **Skill You Can Improve:** Compute volume and surface area of right prisms and pyramids, cylinders, spheres, cones, and composite figures  
  - **Publisher Study Recommendations:** MS2: 130, 132, 134, 136, 138

**Algebraic Problem-Solving with Expressions and Equations**

- **Skill You Can Improve:** Solve arithmetic and real-world problems with inequalities and graph solutions on a number line  
  - **Publisher Study Recommendations:** MS2: 70, 72, 74, 92
- **Skill You Can Improve:** Solve quadratic equations in one variable  
  - **Publisher Study Recommendations:** MS3: 140, 142, 144, 146
- **Skill You Can Improve:** Compute with and factor polynomials  
  - **Publisher Study Recommendations:** MS3: 114, 116, 118, 120, 122
- **Skill You Can Improve:** Evaluate linear, polynomial, and rational expressions  
  - **Publisher Study Recommendations:** MS2: 42, 44; MS3: 132

**Algebraic Problem-Solving with Graphs and Functions**

- **Skill You Can Improve:** Compare two different proportional relationships OR two linear or quadratic functions when each is represented in different ways  
  - **Publisher Study Recommendations:** MS3: 48, 50, 102, 106, 108
- **Skill You Can Improve:** For a linear or nonlinear relationship, sketch graphs and interpret key features of graphs and tables in terms of quantities  
  - **Publisher Study Recommendations:** MS3: 102, 106, 108
Additional Skills to Work On

Scoring into the Green Zone on the GED® test shows that you are likely to pass the GED® test. In order to progress into the Green Zone, consider doing the following:

Strengthen the skills listed in the Red Zone and apply them at a basic level of proficiency, with a particular focus on improving the following Red Zone skills:

- Solving problems using rational numbers
- Computing unit rates
- Computing the area and perimeter of triangles and rectangles
- Computing volume and surface area of rectangular prisms
- Creating linear expressions, equations, and inequalities when given written descriptions
- Computing with polynomials
- Solving real-world problems that involve linear equations in one variable
- Solving algebraic and real-world problems with inequalities
- Locating points on the coordinate plane
- Finding the slope of a line from a graph, equation, or table
- For a linear or nonlinear relationship, sketching graphs and interpreting key features of graphs and tables in quantitative terms

Develop the following additional skills:

- Placing fractions and decimals in order, including when using a number line
- Simplifying numerical expressions with rational exponents
- Writing and computing with numerical expressions with squares, square roots, cubes, and cube roots of positive, rational numbers
- Determining when a numerical expression is undefined
- Using scale factors to figure out the magnitude of a size change and converting between actual drawings and scale drawings
- Solving two-step, arithmetic, real-world problems that involve ratios, proportions, and percents
- Computing the area and perimeter of composite figures
- Computing volume and surface area of cylinders and spheres
- Representing, displaying, and interpreting categorical data in bar graphs, circle graphs, dot plots, histograms, and box plots
- Calculating the median, mode, weighted average, and missing data value when you are given the average and all the missing data values except for one
- Computing with linear expressions
- Evaluating polynomial and rational expressions
- Solving quadratic equations in one variable
- Creating quadratic equations with written descriptions you have been given
- Graphing linear equations on the coordinate plane
- Understanding that a unit rate is equivalent to slope in a proportional relationship
- Writing the equation of a line when given the slope and a point or two distinct points
- Using slope to identify parallel and perpendicular lines, and solving geometric problems
- Using a table or graph to represent or identify a function as having exactly one output for each input
- Evaluating linear and quadratic functions

Please note that your projected score for Mathematical Reasoning of the GED® test is valid for 60 days from the date you took Mathematical Reasoning of GED Ready®. In addition, it assumes you took Mathematical Reasoning of GED Ready® in one sitting, under timed conditions, with no breaks. The projected score is only an indication of your preparedness for the actual GED® test and does not guarantee that you will actually obtain the projected score on the GED® test. See My Scores, “Review My Written Answers” page for detailed descriptions of typical written answers to Extended Response items that would meet the passing standard. Although the study recommendations listed on the “How I Can Score Higher” page may aid you in preparing for the GED® test, following these recommendations alone does not guarantee a positive result on the actual GED® test.
## How I Can Score Higher

### Step 1
Select your study material to create a customized study plan based on your answers: [Steck-Vaughn Test Preparation](#)

Steck-Vaughn Test Preparation for the 2014 GED® Test: Mathematical Reasoning Student Edition by Houghton Mifflin Harcourt
A comprehensive resource for learners seeking to master the new GED® Mathematical Reasoning assessment targets, mathematical practices, and technology-enhanced item types.

### Step 2
Use the study material selected above to improve your skills listed below:

#### Quantitative Problem-Solving with Rational Numbers

<table>
<thead>
<tr>
<th>Skill You Can Improve</th>
<th>Publisher Study Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identify the absolute value of a rational number as its distance from 0 on the number line and find the distance between two rational numbers on the number line</td>
<td>Student Book Pages 6–7</td>
</tr>
<tr>
<td>Use scale factors to find the magnitude of a size change and convert between actual drawings and scale drawings</td>
<td>Student Book Pages 104–105</td>
</tr>
</tbody>
</table>

#### Quantitative Problem-Solving in Measurement

<table>
<thead>
<tr>
<th>Skill You Can Improve</th>
<th>Publisher Study Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Find the side lengths of triangles, rectangles, and polygons when given the area or perimeter</td>
<td>Student Book Pages 28–29; Pages 94–95; Pages 98–99</td>
</tr>
<tr>
<td>Compute volume and surface area of right prisms and pyramids, cylinders, spheres, cones, and composite figures</td>
<td>Student Book Pages 28–29; Pages 106–111</td>
</tr>
</tbody>
</table>

#### Algebraic Problem-Solving with Expressions and Equations

<table>
<thead>
<tr>
<th>Skill You Can Improve</th>
<th>Publisher Study Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solve arithmetic and real-world problems with inequalities and graph solutions on a number line</td>
<td>Student Book Pages 68–69</td>
</tr>
<tr>
<td>Solve quadratic equations in one variable</td>
<td>Student Book Pages 78–79</td>
</tr>
<tr>
<td>Compute with and factor polynomials</td>
<td>Student Book Pages 50–51; Pages 64–65</td>
</tr>
<tr>
<td>Evaluate linear, polynomial, and rational expressions</td>
<td>Student Book</td>
</tr>
</tbody>
</table>

#### Algebraic Problem-Solving with Graphs and Functions

<table>
<thead>
<tr>
<th>Skill You Can Improve</th>
<th>Publisher Study Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compare two different proportional relationships OR two linear or quadratic functions when each is represented in different ways</td>
<td>Student Book Pages 82–83</td>
</tr>
<tr>
<td>For a linear or nonlinear relationship, sketch graphs and interpret key features of graphs and tables in terms of quantities</td>
<td>Student Book Pages 72–73; Pages 78–79; Pages 82–83</td>
</tr>
</tbody>
</table>
Additional Skills to Work On

Scoring into the Green Zone on the GED Ready® shows that you are likely to pass the GED® test. In order to progress into the Green Zone, consider doing the following:

Strengthen the skills listed in the Red Zone and apply them at a basic level of proficiency, with a particular focus on improving the following Red Zone skills:

- Solving problems using rational numbers
- Computing unit rates
- Computing the area and perimeter of triangles and rectangles
- Computing volume and surface area of rectangular prisms
- Creating linear expressions, equations, and inequalities when given written descriptions
- Computing with polynomials
- Solving real-world problems that involve linear equations in one variable
- Solving algebraic and real-world problems with inequalities
- Locating points on the coordinate plane
- Finding the slope of a line from a graph, equation, or table
- For a linear or nonlinear relationship, sketching graphs and interpreting key features of graphs and tables in quantitative terms

Develop the following additional skills:

- Placing fractions and decimals in order, including when using a number line
- Simplifying numerical expressions with rational exponents
- Writing and computing with numerical expressions with squares, square roots, cubes, and cube roots of positive, rational numbers
- Determining when a numerical expression is undefined
- Using scale factors to figure out the magnitude of a size change and converting between actual drawings and scale drawings
- Solving two-step, arithmetic, real world problems that involve ratios, proportions, and percents
- Computing the area and perimeter of composite figures
- Computing volume and surface area of cylinders and spheres
- Representing, displaying, and interpreting categorical data in bar graphs, circle graphs, dot plots, histograms, and box plots
- Calculating the median, mode, weighted average, and missing data value when you are given the average and all the missing data values except for one
- Computing with linear expressions
- Evaluating polynomial and rational expressions
- Solving quadratic equations in one variable
- Creating quadratic equations with written descriptions you have been given
- Graphing linear equations on the coordinate plane
- Understanding that a unit rate is equivalent to slope in a proportional relationship
- Writing the equation of a line when given the slope and a point or two distinct points
- Using slope to identify parallel and perpendicular lines, and solving geometric problems
- Using a table or graph to represent or identify a function as having exactly one output for each input
- Evaluating linear and quadratic functions

Please note that your projected score for Mathematical Reasoning of the GED® test is valid for 60 days from the date you took Mathematical Reasoning of GED Ready®. In addition, it assumes you took Mathematical Reasoning of GED Ready® in one sitting, under timed conditions, with no breaks. The projected score is only an indication of your preparedness for the actual GED® test and does not guarantee that you will actually obtain the projected score on the GED® test. See My Scores, “Review My Written Answers” page for detailed descriptions of typical written answers to Extended Response items that would meet the passing standard. Although the study recommendations listed on the “How I Can Score Higher” page may aid you in preparing for the GED® test, following these recommendations alone does not guarantee a positive result on the actual GED® test.
GED Ready® - Mathematical Reasoning

My Score: 145
NOT LIKELY TO PASS
145
Test Date: 02/13/2015

How I Can Score Higher

Step 1  Select your study material to create a customized study plan based on your answers: Steck-Vaughn Test Preparation for the 2014 GED® Test: Mathematical Reasoning Student Workbook by Houghton Mifflin Harcourt
A comprehensive resource for learners seeking to master the new GED® Mathematical Reasoning assessment targets, mathematical practices, and technology-enhanced item types.

Step 2  Use the study material selected above to improve your skills listed below:

Quantitative Problem-Solving with Rational Numbers

Skill You Can Improve  Publisher Study Recommendations

• Identify the absolute value of a rational number as its distance from 0 on the number line and find the distance between two rational numbers on the number line  Workbook Pages 10–13

• Use scale factors to find the magnitude of a size change and convert between actual drawings and scale drawings  Workbook Pages 146–149

Quantitative Problem-Solving in Measurement

Skill You Can Improve  Publisher Study Recommendations

• Find the side lengths of triangles, rectangles, and polygons when given the area or perimeter  Workbook Pages 34–37; Pages 126–129; Pages 134–137

• Compute volume and surface area of right prisms and pyramids, cylinders, spheres, cones, and composite figures  Workbook Pages 34–37; Pages 150–161

Algebraic Problem-Solving with Expressions and Equations

Skill You Can Improve  Publisher Study Recommendations

• Solve arithmetic and real-world problems with inequalities and graph solutions on a number line  Workbook Pages 94–97

• Solve quadratic equations in one variable  Workbook Pages 114–117

• Compute with and factor polynomials  Workbook Pages 58–61; Pages 86–89

• Evaluate linear, polynomial, and rational expressions  Workbook

Algebraic Problem-Solving with Graphs and Functions

Skill You Can Improve  Publisher Study Recommendations

• Compare two different proportional relationships OR two linear or quadratic functions when each is represented in different ways  Workbook Pages 122–125

• For a linear or nonlinear relationship, sketch graphs and interpret key features of graphs and tables in terms of quantities  Workbook Pages 102–105; Pages 114–117; Pages 122–125
Additional Skills to Work On

Scoring into the Green Zone on the GED® Ready® shows that you are likely to pass the GED® test. In order to progress into the Green Zone, consider doing the following:

Strengthen the skills listed in the Red Zone and apply them at a basic level of proficiency, with a particular focus on improving the following Red Zone skills:

- Solving problems using rational numbers
- Computing unit rates
- Computing the area and perimeter of triangles and rectangles
- Computing volume and surface area of rectangular prisms
- Creating linear expressions, equations, and inequalities when given written descriptions
- Computing with polynomials
- Solving real-world problems that involve linear equations in one variable
- Solving algebraic and real-world problems with inequalities
- Locating points on the coordinate plane
- Finding the slope of a line from a graph, equation, or table
- For a linear or nonlinear relationship, sketching graphs and interpreting key features of graphs and tables in quantitative terms

Develop the following additional skills:

- Placing fractions and decimals in order, including when using a number line
- Simplifying numerical expressions with rational exponents
- Writing and computing with numerical expressions with squares, square roots, cubes, and cube roots of positive, rational numbers
- Determining when a numerical expression is undefined
- Using scale factors to figure out the magnitude of a size change and converting between actual drawings and scale drawings
- Solving two-step, arithmetic, real world problems that involve ratios, proportions, and percents
- Computing the area and perimeter of composite figures
- Computing volume and surface area of cylinders and spheres
- Representing, displaying, and interpreting categorical data in bar graphs, circle graphs, dot plots, histograms, and box plots
- Calculating the median, mode, weighted average, and missing data value when you are given the average and all the missing data values except for one
- Computing with linear expressions
- Evaluating polynomial and rational expressions
- Solving quadratic equations in one variable
- Creating quadratic equations with written descriptions you have been given
- Graphing linear equations on the coordinate plane
- Understanding that a unit rate is equivalent to slope in a proportional relationship
- Writing the equation of a line when given the slope and a point or two distinct points
- Using slope to identify parallel and perpendicular lines, and solving geometric problems
- Using a table or graph to represent or identify a function as having exactly one output for each input
- Evaluating linear and quadratic functions

Please note that your projected score for Mathematical Reasoning of the GED® test is valid for 60 days from the date you took Mathematical Reasoning of GED Ready®. In addition, it assumes you took Mathematical Reasoning of GED Ready® in one sitting, under timed conditions, with no breaks. The projected score is only an indication of your preparedness for the actual GED® test and does not guarantee that you will actually obtain the projected score on the GED® test. See My Scores, “Review My Written Answers” page for detailed descriptions of typical written answers to Extended Response items that would meet the passing standard. Although the study recommendations listed on the “How I Can Score Higher” page may aid you in preparing for the GED® test, following these recommendations alone does not guarantee a positive result on the actual GED® test.