

Quantile Textbook Report



Algebra 1

Publisher Pearson

Copyright 2011

ISBN 0133726045

ISBN13 9780133726046

Author Charles, Randall I., et al

StateEdition West Virginia

Grade Algebra 1

1 Foundations for Algebra

| | |
|--|------|
| 1.1 Variables and Expressions | 750Q |
| 1.2 Order of Operations and Evaluating Expressions | 840Q |
| 1.3 Real Numbers and the Number Line | 850Q |
| 1.4 Properties of Real Numbers | 820Q |
| 1.5 Adding and Subtracting Real Numbers | 890Q |
| 1.6 Multiplying and Dividing Real Numbers | 890Q |
| 1.7 The Distributive Property | 820Q |
| 1.8 An Introduction to Equations | 840Q |
| 1.9 Patterns, Equations, and Graphs | 840Q |

Algebra 1

Publisher Pearson

Copyright 2011

ISBN 0133726045

ISBN13 9780133726046

2 Solving Equations

| | |
|--|-------|
| 2.1 Solving One-Step Equations | 890Q |
| 2.2 Solving Two-Step Equations | 890Q |
| 2.3 Solving Multi-Step Equations | 950Q |
| 2.4 Solving Equations With Variables on Both Sides | 950Q |
| 2.5 Literal Equations and Formulas | 1000Q |
| 2.6 Ratios, Rates, and Conversions | 950Q |
| 2.7 Solving Proportions | 950Q |
| 2.8 Proportions and Similar Figures | 920Q |
| 2.9 Percents | 870Q |
| 2.10 Change Expressed as a Percent | 900Q |

3 Solving Inequalities

| | |
|---|-------|
| 3.1 Inequalities and Their Graphs | 840Q |
| 3.2 Solving Inequalities Using Addition or Subtraction | 800Q |
| 3.3 Solving Inequalities Using Multiplication or Division | 800Q |
| 3.4 Solving Multi-Step Inequalities | 980Q |
| 3.5 Working With Sets | NMQ |
| 3.6 Compound Inequalities | 840Q |
| 3.7 Absolute Value Equations and Inequalities | 1080Q |
| 3.8 Unions and Intersections of Sets | 750Q |

Algebra 1

Publisher Pearson

Copyright 2011

ISBN 0133726045

ISBN13 9780133726046

4 An Introduction to Functions

| | | |
|-----|---------------------------------------|-------|
| 4.1 | Using Graphs to Relate Two Quantities | 780Q |
| 4.2 | Patterns and Linear Functions | 1190Q |
| 4.3 | Patterns and Nonlinear Functions | 850Q |
| 4.4 | Graphing a Function Rule | 1040Q |
| 4.5 | Writing a Function Rule | 810Q |
| 4.6 | Formalizing Relations and Functions | 1190Q |
| 4.7 | Sequences and Functions | 940Q |

5 Linear Functions

| | | |
|-----|-----------------------------------|-------|
| 5.1 | Rate of Change and Slope | 1140Q |
| 5.2 | Direct Variation | 890Q |
| 5.3 | Slope-Intercept Form | 1140Q |
| 5.4 | Point-Slope Form | 1140Q |
| 5.5 | Standard Form | 1110Q |
| 5.6 | Parallel and Perpendicular Lines | 1200Q |
| 5.7 | Scatter Plots and Trend Lines | 970Q |
| 5.8 | Graphing Absolute Value Functions | 1220Q |

6 Systems of Equations and Inequalities

| | | |
|-----|------------------------------------|-------|
| 6.1 | Solving Systems by Graphing | 900Q |
| 6.2 | Solving Systems Using Substitution | 990Q |
| 6.3 | Solving Systems Using Elimination | 990Q |
| 6.4 | Applications of Linear Systems | 990Q |
| 6.5 | Linear Inequalities | 1050Q |
| 6.6 | Systems of Linear Inequalities | 1150Q |

Friday, December 04, 2009

Page 3 of 6

Algebra 1

Publisher Pearson

Copyright 2011

ISBN 0133726045

ISBN13 9780133726046

7 Exponents and Exponential Functions

| | | |
|-----|---|-------|
| 7.1 | Zero and Negative Exponents | 1000Q |
| 7.2 | Scientific Notation | 910Q |
| 7.3 | Multiplying Powers With the Same Base | 1000Q |
| 7.4 | More Multiplication Properties of Exponents | 1000Q |
| 7.5 | Division Properties of Exponents | 1000Q |
| 7.6 | Exponential Functions | 1050Q |
| 7.7 | Exponential Growth and Decay | 1050Q |

8 Polynomials and Factoring

| | | |
|-----|------------------------------------|-------|
| 8.1 | Adding and Subtracting Polynomials | 1050Q |
| 8.2 | Multiplying and Factoring | 1140Q |
| 8.3 | Multiplying Binomials | 1050Q |
| 8.4 | Multiplying Special Cases | 1050Q |
| 8.5 | Factoring $x^2 + bx + c$ | 1130Q |
| 8.6 | Factoring $ax^2 + bx + c$ | 1130Q |
| 8.7 | Factoring Special Cases | 1130Q |
| 8.8 | Factoring by Grouping | 1130Q |

Algebra 1

Publisher Pearson

Copyright 2011

ISBN 0133726045

ISBN13 9780133726046

9 Quadratic Functions and Equations

| | |
|--|-------|
| 9.1 Quadratic Graphs and Their Properties | 1220Q |
| 9.2 Quadratic Functions | 1020Q |
| 9.3 Solving Quadratic Equations | 1140Q |
| 9.4 Factoring to Solve Quadratic Equations | 1200Q |
| 9.5 Completing the Square | 1270Q |
| 9.6 The Quadratic Formula and the Discriminant | 1200Q |
| 9.7 Linear, Quadratic, and Exponential Models | 1150Q |
| 9.8 Systems of Linear and Quadratic Equations | 1220Q |

10 Radical Expressions and Equations

| | |
|--|-------|
| 10.1 Pythagorean Theorem | 1050Q |
| 10.2 Simplifying Radicals | 1180Q |
| 10.3 Operations With Radical Expressions | 1180Q |
| 10.4 Solving Radical Equations | 1350Q |
| 10.5 Graphing Square Root Functions | 1250Q |
| 10.6 Trigonometric Ratios | 1220Q |

11 Rational Expressions and Functions

| | |
|--|-------|
| 11.1 Simplifying Rational Expressions | 1310Q |
| 11.2 Multiplying and Dividing Rational Expressions | 1400Q |
| 11.3 Dividing Polynomials | 1180Q |
| 11.4 Adding and Subtracting Rational Expressions | 1310Q |
| 11.5 Solving Rational Equations | 1330Q |
| 11.6 Inverse Variation | 1040Q |
| 11.7 Graphing Rational Functions | 1380Q |

Friday, December 04, 2009

Page 5 of 6

Algebra 1

Publisher Pearson

Copyright 2011

ISBN 0133726045

ISBN13 9780133726046

12 Data Analysis and Probability

| | |
|--|-------|
| 12.1 Organizing Data Using Matrices | 970Q |
| 12.2 Frequency and Histograms | 790Q |
| 12.3 Measures of Central Tendency and Dispersion | 1050Q |
| 12.4 Box-and-Whisker Plots | 960Q |
| 12.5 Samples and Surveys | 610Q |
| 12.6 Permutations and Combinations | 840Q |
| 12.7 Theoretical and Experimental Probability | 860Q |
| 12.8 Probability of Compound Events | 920Q |