1.	Record Nr.	UNINA9910788300703321
	Autore	Pearse Margie
	Titolo	Passing the mathematics test for elementary teachers : offering a pathway to success / / Margie Pearse, Diane Devanney, Darla Nagy
	Pubbl/distr/stampa	Lanham, Maryland : , : Rowman & Littlefield, , 2015 ©2015
	ISBN	1-4758-1083-0
	Descrizione fisica	1 online resource (219 p.)
	Disciplina	510.76
	Soggetti	Mathematics - Vocational guidance Elementary school teachers - Certification Mathematics teachers - Certification
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	Passing The Mathematics Test For Elementary Teachers; Contents; Acknowledgments; 1 How to Pass the Test!; Preparing for the Test: Proven Strategies for Successful Test Preparation; Taking the Test: Proven Strategies for Successful Test-Taking; 2 Understanding Numbers and the Number System; Number Systems: The Hierarchy of Numbers; Decimals; Scientific Notation; Percents; Simple Interest and Compound Interest; Exponential Notation; 3 Pre-Algebra; Analyzing and Extending a Variety of Patterns; Solving One-Variable Equations and Inequalities Algebraically Using the Concepts of Variable, Equality, and Equation to Generate, Interpret, and Evaluate Algebraic ExpressionsManipulating Algebraic Expressions and Solving Equations Using a Variety of Techniques; Simplifying or Combining Like Terms; Basic Distributive Property; Factoring an Expression; Applying Algebraic Principles to Represent and Solve Word Problems Involving Ratios and Proportions; 4 Algebra; Graphing Lines and Inequalities; Graphing Parallel and Perpendicular Lines; Solving Systems of Linear Equations; Solving and Graphing Linear Inequalities and Systems of Linear Inequalities Nonlinear Functions and Real-World Situations5 Measurement and Geometry; Measurement: The U.S. Customary System; Measurement: The Metric System; Perimeter, Area, Volume, and Surface Area; Circles;

Triangles; Quadrilaterals; Irregular Figures/Shaded Regions; Sphere; Angles and Lines; Coordinate Geometry; Transformations of Points and Geometric Figures; 6 Statistics and Probability; Measures of Central Tendency and Spread; Displaying Data and Statistical Information; Analyzing and Drawing Inferences from Data Presented in Different Formats
Probability: Simple, Compound, Independent, Dependent, ConditionalCounting Principles: Permutations and Combinations; Appendix A: Full Practice Test 1; Appendix B: Full Practice Test 2; Appendix C: Full Practice Test 3; Index

Sommario/riassunto	Have you ever found yourself saying, "I'm never going to pass the math pre-service exam!" This statement, and many others like it, led the authors to discover exactly how to crack the math pre-service exam test code and students are reaping all the benefits. How to Pass the Pre-Service Mathematics Test for Teachers is the result of years of researching and experimenting with what it takes to not only pass the test, but come away from it a better test-taker and a stronger mathematician.