

1. Record Nr.	UNINA9910828166903321
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Titolo	Common misconceptions in mathematics : strategies to correct them / / Bobby Ojose
Pubbl/distr/stampa	Lanham, Maryland : , : University Press of America, Inc., , 2015 ©2015
ISBN	0-7618-5886-5
Descrizione fisica	1 online resource (151 p.)
Disciplina	510.71
Soggetti	Mathematics - Study and teaching
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents; Acknowledgments; Introduction; Part One. ARITHMETIC; Misconception 1. Addition Sentence; Misconception 2. Subtraction of Whole Numbers; Misconception 3. Addition of Fractions; Misconception 4. Subtraction of Fractions; Misconception 5. Rounding Decimals; Misconception 6. Comparing Decimals; Misconception 7. Multiplying Decimals; Misconception 8. More on Multiplying Decimals; Misconception 9. Division of Decimals; Misconception 10. Percent Problems; Misconception 11. Division by a Fraction; Misconception 12. Ordering Fractions; Misconception 13. Least Common Multiple (LCM) Misconception 14. Addition of Decimal NumbersMisconception 15. Subtraction of Integers; Misconception 16. Converting Linear Units; Misconception 17. Power to a Base; Misconception 18. Order of Operations I; Misconception 19. Order of Operations II; Misconception 20. Simplifying Square Roots; Misconception 21. Comparing Negative Numbers; Misconception 22. Addition of Negative Integers; Misconception 23. Scientific Notation; Misconception 24. Proportional Reasoning; Misconception 25. Time Problem; Part Two. ALGEBRA; Misconception 26. Dividing Rational Expressions Misconception 27. Adding Rational ExpressionsMisconception 28. Adding Unlike Terms; Misconception 29. Adding Like Terms; Misconception 30. Distributive Property; Misconception 31. Writing a Variable Expression; Misconception 32. Simplifying a Variable Expression; Misconception 33. Factoring; Misconception 34. Exponents

Addition; Misconception 35. Zero Exponents; Misconception 36. Solving Equation by Addition and Subtraction; Misconception 37. Solving Equation by Division and Multiplication; Misconception 38. Fractional Equations; Misconception 39. One-Step Inequality
Misconception 40. Absolute Value Misconception 41. Operations with Radical Expressions; Misconception 42. Simplifying Polynomials; Misconception 43. Systems of Equations; Conclusion; Appendix A. List of Manipulatives and Their Uses; Appendix B. Teaching Standards; References; About the Author

Sommario/riassunto

This handy tool for teachers of mathematics confronts the problem of misconceptions that are common with students that often have their own notion of certain mathematical concepts, right or not. The book is meant for teachers helping students engage in mathematics that emphasizes conceptual understanding.
