

CASAS Competencies by Publisher Title

Math Sense: Whole Numbers and Money. Math Sense. Series.

Textbook. Phillips. 2003. ISBN: 1-56420-383-2.

Program: ABE/ASE/Workforce

Level: C/D

Basic skills: Math

Assessment tools: None

Complete and comprehensive, this series helps adults gain a range of math skills they need to succeed in life, the workplace, and on standardized tests. Students overcome math anxiety, discover math as interesting and purposeful, and develop good number sense. Totally compliant with the GED. Addresses skills and strategies students need for GED success. Teacher's Resource Available for each book.

Section	Comp. No.	Description
Ut. 2, 4	1.1.2	Use the metric system
Ut. 2	1.1.4	Interpret length, width, perimeter, area, weight
All	1.1.6	Count, convert and use coins and currency
Ut. 5	1.2.4	Compute unit pricing
Ut. 1	1.8.1	Demonstrate the use of checking, savings accounts
Ut. 1	2.3.1	Interpret clock time
Ut. 3	4.2.1	Interpret wages, deductions, benefits
Ut. 4	4.4.3	Interpret workplace charts, forms
Ut. 1	6.0.1	Identify and classify numeric symbols
Ut. 1	6.0.2	Count and associate numbers with quantities
Ut. 4	6.0.3	Identify information needed to solve a problem
Ut. 2, 5	6.0.4	Determine appropriate operation to apply
All	6.0.5	Demonstrate use of a calculator
Ut. 2	6.1.1	Add whole numbers
Ut. 3	6.1.2	Subtract whole numbers
Ut. 4	6.1.3	Multiply whole numbers
Ut. 5	6.1.4	Divide whole numbers
Ut. 4, 5	6.1.5	Perform multiple operations using whole numbers
Ut. 4	6.6.3	Measure area and volume of geometric shapes
Ut. 1	6.6.4	Use or interpret measurement instruments
Ut. 5	6.7.2	Interpret data given in a bar graph
Ut. 5	6.7.5	Compute averages, medians, or modes
Ut. 2	6.9.2	Estimate answers

CASAS Competencies by Publisher Title

Math Sense: Decimals, Fractions, Ratios and Percents. Math Sense. Series.

Textbook. Frechette. 2003. ISBN: 1-56420-388-3.

Program: ABE/ASE

Level: C/D

Basic skills: Math

Assessment tools: None

Complete and comprehensive, this series helps adults gain a range of math skills they need to succeed in life, the workplace, and on standardized tests. Students overcome math anxiety, discover math as interesting and purposeful, and develop good number sense. Totally compliant with the GED. Addresses skills and strategies students need for GED success. Teacher's Resource Available for each book.

Section	Comp. No.	Description
Ut. 2	1.1.2	Use the metric system
Ut. 5	1.2.3	Compute discounts
Ut. 2	1.8.1	Demonstrate the use of checking, savings accounts
Ut. 2	1.9.3	Compute mileage and gasoline consumption
Ut. 4	4.4.3	Interpret workplace charts, forms
Ut. 1, 3	6.0.3	Identify information needed to solve a problem
Ut. 1	6.0.4	Determine appropriate operation to apply
All	6.0.5	Demonstrate use of a calculator
Ut. 2	6.2.1	Add decimal fractions
Ut. 2	6.2.2	Subtract decimal fractions
Ut. 2	6.2.3	Multiply decimal fractions
Ut. 2	6.2.4	Divide decimal fractions
Ut. 2	6.2.5	Perform multiple operations with decimal fractions
Ut. 1, 5	6.2.6	Convert decimal fractions to common fractions
Ut. 3	6.3.1	Add common or mixed fractions
Ut. 3	6.3.2	Subtract common or mixed fractions
Ut. 3	6.3.3	Multiply common or mixed fractions
Ut. 3	6.3.4	Divide common or mixed fractions
Ut. 1	6.3.6	Convert common or mixed fractions to decimals
Ut. 1	6.3.7	Identify or calculate equivalent fractions
Ut. 5	6.4.1	Apply a percent to determine amount of discount
Ut. 5	6.4.2	Apply a percent in a context not involving money
Ut. 1, 5	6.4.3	Calculate percents
Ut. 5	6.4.4	Convert percents to fractions or decimals
Ut. 4	6.4.5	Use rate to compute increase or decrease
Ut. 4	6.4.6	Compute using ratio or proportion

CASAS Competencies by Publisher Title

Ut. 2	6.6.1	Convert units of U.S. standard measurement
Ut. 4	6.6.5	Interpret diagrams, illustrations, scale drawings
Ut. 5	6.8.1	Interpret statistical info. used in news reports
Ut. 2	6.9.2	Estimate answers

CASAS Competencies by Publisher Title

Math Sense: Algebra and Geometry. Math Sense. Series.

Textbook. Howett. 2003. ISBN: 1-56420-381-6.

Program: ABE/ASE

Level: C/D

Basic skills: Math

Assessment tools: None

Complete and comprehensive, this series helps adults gain a range of math skills they need to succeed in life, the workplace, and on standardized tests. Students overcome math anxiety, discover math as interesting and purposeful, and develop good number sense. Totally compliant with the GED. Addresses skills and strategies students need for GED success. Teacher's Resource Available for each book.

Section	Comp. No.	Description
Ut. 3	1.1.2	Use the metric system
Ut. 3	1.1.3	Interpret maps and graphs
Ut. 1, 4	1.1.4	Interpret length, width, perimeter, area, weight
Ut. 1	1.1.5	Interpret temperatures
Ut. 3	1.1.7	Interpret product container weight and volume
All	6.0.5	Demonstrate use of a calculator
Ut. 1	6.1.1	Add whole numbers
Ut. 1	6.1.2	Subtract whole numbers
Ut. 2	6.4.6	Compute using ratio or proportion
Ut. 3, 5	6.5.2	Recognize and apply simple geometric formulas
Ut. 2, 5	6.5.3	Recognize and apply simple algebraic formulas
Ut. 3	6.6.2	Measure lines, geometric shapes, angles
Ut. 1, 4	6.6.3	Measure area and volume of geometric shapes
Ut. 4, 5	6.6.5	Interpret diagrams, illustrations, scale drawings
Ut. 5	6.7.1	Interpret data given in a line graph

CASAS Competencies by Publisher Title

Math Sense: Measurement and Data Analysis. Math Sense. Series.

Textbook. Mitchell. 2003. ISBN: 1-56420-382-4.

Program: ABE/ASE/Workforce

Level: C/D

Basic skills: Math

Assessment tools: None

Complete and comprehensive, this series helps adults gain a range of math skills they need to succeed in life, the workplace, and on standardized tests. Students overcome math anxiety, discover math as interesting and purposeful, and develop good number sense. Totally compliant with the GED. Addresses skills and strategies students need for GED success. Teacher's Resource Available for each book.

Section	Comp. No.	Description
Ut. 1, 2	1.1.2	Use the metric system
Ut. 4	1.1.3	Interpret maps and graphs
Ut. 1, 2	1.1.4	Interpret length, width, perimeter, area, weight
Ut. 2	1.1.7	Interpret product container weight and volume
Ut. 3	1.1.8	Compute averages
Ut. 1	2.1.3	Interpret information about time zones
Ut. 3	4.4.3	Interpret workplace charts, forms
Ut. 4, 5	6.0.3	Identify information needed to solve a problem
All	6.0.5	Demonstrate use of a calculator
Ut. 2	6.6.1	Convert units of U.S. standard measurement
Ut. 1	6.6.3	Measure area and volume of geometric shapes
Ut. 1	6.6.4	Use or interpret measurement instruments
Ut. 1	6.6.6	Calculate with units of time
Ut. 3, 4	6.7.1	Interpret data given in a line graph
Ut. 4	6.7.2	Interpret data given in a bar graph
Ut. 4	6.7.3	Interpret data given in a picture graph
Ut. 4	6.7.4	Interpret data given in a circle graph
Ut. 3	6.7.5	Compute averages, medians, or modes
Ut. 3-5	6.8.1	Interpret statistical info. used in news reports
Ut. 5	6.8.2	Interpret statements of probability

CASAS Competencies by Publisher Title

Math Sense: Comprehensive Math Review. Math Sense. Series.

Textbook. Fillmore-Hoyt. 2003. ISBN: 1-56420-385-9.

Program: ABE/ASE/Workforce

Level: C/D

Basic skills: Math

Assessment tools: None

Complete and comprehensive, this series helps adults gain a range of math skills they need to succeed in life, the workplace, and on standardized tests. Students overcome math anxiety, discover math as interesting and purposeful, and develop good number sense. Totally compliant with the GED. Addresses skills and strategies students need for GED success. Teacher's Resource Available for each book.

Section	Comp. No.	Description
Ut. 3, 4	1.1.2	Use the metric system
Ut. 4	1.1.3	Interpret maps and graphs
Ut. 4	1.1.4	Interpret length, width, perimeter, area, weight
Ut. 4	1.1.5	Interpret temperatures
Ut. 2	1.1.6	Count, convert and use coins and currency
Ut. 4	1.1.7	Interpret product container weight and volume
Ut. 3	1.2.3	Compute discounts
Ut. 2	1.2.4	Compute unit pricing
Ut. 1, 2	6.0.3	Identify information needed to solve a problem
Ut. 2	6.0.4	Determine appropriate operation to apply
All	6.0.5	Demonstrate use of a calculator
Ut. 1	6.1.1	Add whole numbers
Ut. 1	6.1.2	Subtract whole numbers
Ut. 1	6.1.3	Multiply whole numbers
Ut. 1	6.1.4	Divide whole numbers
Ut. 2	6.2.1	Add decimal fractions
Ut. 2	6.2.2	Subtract decimal fractions
Ut. 2	6.2.3	Multiply decimal fractions
Ut. 2	6.2.4	Divide decimal fractions
Ut. 2	6.2.5	Perform multiple operations with decimal fractions
Ut. 3	6.2.6	Convert decimal fractions to common fractions
Ut. 3	6.3.1	Add common mixed fractions
Ut. 3	6.3.2	Subtract common or mixed fractions
Ut. 3	6.3.3	Multiply common or mixed fractions
Ut. 3	6.3.4	Divide common or mixed fractions
Ut. 3	6.3.6	Convert common or mixed fractions to decimals

CASAS Competencies by Publisher Title

Ut. 3	6.3.7	Identify or calculate equivalent fractions
Ut. 3	6.4.1	Apply a percent to determine amount of discount
Ut. 3	6.4.2	Apply a percent in a context not involving money
Ut. 3	6.4.3	Calculate percents
Ut. 3	6.4.4	Convert percents to fractions or decimals
Ut. 3	6.4.6	Compute using ratio or proportion
Ut. 5	6.5.2	Recognize and apply simple geometric formulas
Ut. 5	6.5.3	Recognize and apply simple algebraic formulas
Ut. 3	6.6.1	Convert units of U.S. standard measurement
Ut. 5	6.6.2	Measure lines, geometric shapes, angles
Ut. 5	6.6.3	Measure area and volume of geometric shapes
Ut. 4	6.6.4	Use or interpret measurement instruments
Ut. 5	6.6.5	Interpret diagrams, illustrations, scale drawings
Ut. 4	6.6.6	Calculate with units of time
Ut. 4, 5	6.7.1	Interpret data given in a line graph
Ut. 4	6.7.2	Interpret data given in a bar graph
Ut. 4	6.7.4	Interpret data given in a circle graph
Ut. 4	6.7.5	Compute averages, medians, or modes
Ut. 4	6.8.2	Interpret statements of probability
Ut. 1	6.9.2	Estimate answers
All	7.3.4	Utilize problem solving strategies