

LUMARA ENGLISH

Multilingual ESL Mathematics Vocabulary Textbook

English • Chilean Spanish • Colombian Spanish • Venezuelan Spanish • Brazilian Portuguese

□ Arithmetic Vocabulary

English	Chile	Colombia	Venezuela	Português
Addition	Suma	Suma	Suma	Adição
Subtraction	Resta	Resta	Resta	Subtração
Multiplication	Multiplicación	Multiplicación	Multiplicación	Multiplificação
Division	División	División	División	Divisão
Equal	Igual	Igual	Igual	Igual

□ Geometry

English	Chile	Colombia	Venezuela	Português
Angle	Ángulo	Ángulo	Ángulo	Ângulo
Vertex	Vértice	Vértice	Vértice	Vértice
Perimeter	Perímetro	Perímetro	Perímetro	Perímetro
Area	Área	Área	Área	Área
Volume	Volumen	Volumen	Volumen	Volume

□ Statistics

English	Chile	Colombia	Venezuela	Português
Mean	Promedio	Promedio	Promedio	Média
Median	Mediana	Mediana	Mediana	Mediana
Mode	Moda	Moda	Moda	Moda
Range	Rango	Rango	Rango	Amplitude

□ Algebra

English	Chile	Colombia	Venezuela	Português
Variable	Variable	Variable	Variable	Variável
Equation	Ecuación	Ecuación	Ecuación	Equação
Expression	Expresión	Expresión	Expresión	Expressão

□ Fractions, Decimals & Percentages

English	Chile	Colombia	Venezuela	Português
---------	-------	----------	-----------	-----------

Fraction	Fracción	Fracción	Fracción	Fração
Decimal	Decimal	Decimal	Decimal	Decimal
Percentage	Porcentaje	Porcentaje	Porcentaje	Porcentagem

□ Shapes (simple illustrations)

△ Triangle □ Square ▭ Rectangle ○ Circle ◆ Pentagon ● Hexagon

□ Measurement Units

English	Chile	Colombia	Venezuela	Português
Centimeter	Centímetro	Centímetro	Centímetro	Centímetro
Meter	Metro	Metro	Metro	Metro
Kilogram	Kilogramo	Kilogramo	Kilogramo	Quilograma
Liter	Litro	Litro	Litro	Litro

□ Graph Vocabulary

Axis, X-axis, Y-axis, Bar graph, Line graph, Pie chart, Scale, Data, Label

□ Common Classroom Math Phrases

- Please show your work.
- Work with a partner.
- Check your answer.
- Round to the nearest whole number.
- Solve the equation.

□ Word Problems (English + Chilean Spanish)

EN: Sarah has 8 apples and buys 5 more. How many apples does she have?

CL: Sarah tiene 8 manzanas y compra 5 más. ¿Cuántas manzanas tiene?

EN: A rope is 12 meters long. You cut off 4 meters. How much remains?

CL: Una cuerda mide 12 metros. Cortas 4 metros. ¿Cuánto queda?

📎 Practice Exercises

1. $24 + 18 = \underline{\quad}$
2. $7 \times 9 = \underline{\quad}$
3. $\frac{3}{4} + \frac{1}{4} = \underline{\quad}$
4. 25% of 80 = $\underline{\quad}$
5. Solve: $x + 5 = 12$

Answer Key

1. 42
2. 63

3. 1

4. 20

5. $x = 7$