

# SPANISH

English to Spanish

Language Arts

6-8

Item #: SPAN 6-8 L

1-3

- 1st person point of view, punto de vista de la primera persona
- 3rd person limited, 3ª persona limitada
- 3rd person omniscient, 3ª persona omnisciente

A-C

- abandon, abandonar
- acquire, adquirir
- active listener, oyente activo
- adjective clause, cláusula adjetiva
- adjective phrase, sintagma adjetivo
- administrate, administrar
- adverb clause, cláusula de adverbio
- adverb phrase, sintagma adverbial
- affix (pl. affixes), afijo (pl. afijos)
- allusion, alusión
- alternative, alternativa(o)
- analogy, analogía
- analyze, analizar
- antecedent, antecedente
- anticipate, anticipar
- apparent, aparente
- appositive, aposición
- appropriate, apropiado
- argument, argumento
- assumption, supuesto
- assurance, convicción
- attain, conseguir, alcanzar
- author's viewpoint, punto de vista del autor
- autobiography, autobiografía

3 Grade Levels

- coincide, coincidir
- common feature, característica
- comparative adjective, adjetivo comparativo
- comparative adverb, adverbio comparativo
- compile, compilar
- composition, composición
- composition structure, estructura de la composición
- compound sentence, oración compuesta
- compound verb, verbo compuesto
- comprehensive, extenso, integral
- concept, concepto
- conform, conforme, ajustarse
- considerable, considerable
- consist, consistir
- consult, consultar
- contract, contrato
- contradict, contradecir
- contribute, contribuir
- convince, convencer
- cooperate, cooperar
- cross-reference, referencia cruzada
- current events, temas de actualidad

D-F

- dash, guión
- database, base de datos
- debate, debate
- deductive reasoning, razonamiento deductivo
- description, descripción
- descriptive language, lenguaje descriptivo
- direct quote, cita directa
- document, documento
- documentary, documental

3 Subjects

- expository writing, escritura expositiva
- expression, expresión
- facilitator, facilitador
- feedback, comentario, opinión
- figurative, figurativo
- figure of speech, figuras literarias
- flashback, escena retrospectiva
- fluency, fluidez
- follow-up sentence, frase de seguimiento
- footnote, nota al pie de página
- formatting, formato
- foundation, fundación
- frame, marco
- function analogy, función analógica
- fund, fondo
- furthermore, además

G-I

- generation, generación
- gerund, gerundio
- gerund phrase, frase en gerundio
- graphic organizer, organizador gráfico
- guarantee, garantía
- hence, por lo tanto
- ignorance, ignorancia
- imagery, imágenes
- impact, impacto
- implied, implícita(o)
- impose, imponer
- incentive, incentivo

Elementary (3-5)

Jr./Middle School (6-8)

High School (9-12)

Language Arts

Math

Science

Available in 100 Languages

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# SPANISH

English to Spanish

Mathematics

6-8

Item #: SPAN 6-8 M

**A-C**

- absolute value**, valor absoluto
- accuracy**, exactitud
- additive inverse**, inverso aditivo
- adjacent**, adyacente
- adjacent angles**, ángulos adyacentes
- adjacent sides**, lados adyacentes
- algebra**, álgebra
- algebraic equation**, ecuación algebraica
- algebraic representation**, representación algebraica
- algebraically**, algebraicamente
- alternate exterior angles**, ángulos alternos externos
- alternate interior angles**, ángulos alternos internos
- altitude**, altura
- angle bisector**, bisectriz de un ángulo
- angle pairs**, pares de ángulos
- annual**, anual
- apex**, vértice
- approximation**, aproximación
- arc**, arco
- arithmetic sequence**, sec
- arrangement**, disposición, a
- array**, matriz
- arrow**, flecha
- associative property of addition**, propiedad asociativa de la suma
- associative property of multiplication**, propiedad asociativa de la multiplicación
- assume**, suponer
- attri**
- axis**

- composite number**, número
- compound events**, eventos
- compound interest**, inter
- compute**, calcular
- concurrent**, concurrente
- congruence**, congruencia
- conjecture**, conjetura
- consecutive integers**, números consecutivos
- consolidate**, consolidar
- constraint**, límites
- construction**, construcción
- convert**, convertir
- coordinate geometry**, geometría de coordenadas
- coordinate plane**, plano de coordenadas
- corresponding angles**, ángulos corresn
- corresponding sides**, lados con
- cost**, costo
- counterclockwi**
- Cou**
- cred.**
- cube**
- cubic**

- customary units of capacity**, unidades de capacidad anglosajonas
- customary units of mass**, unidades de masa anglosajonas

**D-F**

- data**, datos
- data frequency table**, tabla de frecuencia de datos
- decline**, declinar
- degree measure**, medida de grados
- degree of a monomial**, grado de un monomio
- degree of a polynomial**, grado de un polinomio

- equation of a line**, ecuación de la recta
- equiangular**, equiangular
- equidistant**, equidistante
- equivalent equations**, ecuaciones equivalentes
- evaluate**, evaluar
- exceed**, exceder
- exception**, excepción
- exchange rate**, tasa de cambio
- excl**
- exclusion**, excluir
- exponential probability**, probabilidad, exponencial
- exponential form**, forma exponencial
- exponential growth**, crecimiento exponencial
- exponential notation**, notación exponencial
- expression**, expresión
- exterior angle**, ángulo exterior
- extremes**, extremos
- factor completely**, factorizar completamente
- factor tree**, árbol de factores
- factorial**, factorial
- factorization**, factorización
- favorable outcome**, resultado favorable
- formula**, fórmula
- frequency distribution**, distribución de frecuencia
- frequency table**, tabla de frecuencia
- function**, función
- function notation**, notación de función
- Fundamental Counting Principle**, principio fundamental de conteo

**G-I**

- geometric**, geometría
- metric**, métrica

**3 Grade Levels**

**3 Subjects**

■ **Elementary (3-5)**

■ **Jr./Middle School (6-8)**

■ **High School (9-12)**

■ **Language Arts**

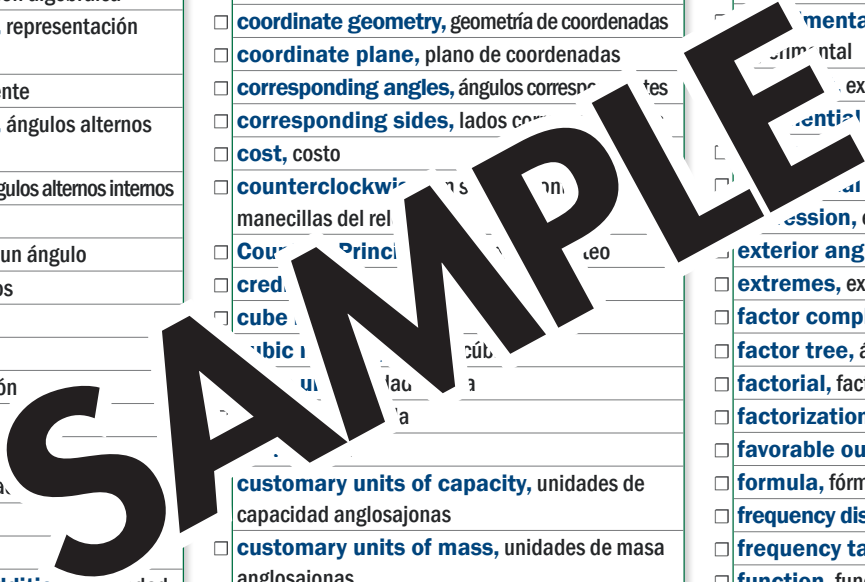
■ **Math**

■ **Science**

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# SPANISH

English to Spanish

Science

6-8

Item #: SPAN 6-8 S

A-C

- abiotic**, abiótico
- acid**, ácido
- acid rain**, lluvia ácida
- adaptation**, adaptación
- advantage**, ventaja
- affect**, afectar
- AIDS (acquired immunodeficiency syndrome)**, sida, síndrome de inmunodeficiencia adquirida
- air mass**, masa de aire
- air pressure**, presión de aire
- air resistance**, resistencia del aire
- amplitude**, amplitud
- analogous**, análogo
- anatomy**, anatomía
- ancestor**, ancestro
- anemometer**, anemómetro
- Animalia**, mundo animal
- antibiotic**, antibiótico
- antibody**, anticuerpo
- aquatic**, acuático
- aquifer**, acuífero
- arbitrary**, arbitrario
- artery**, arteria
- arthropod**, artrópodo
- asexual**, asexual
- asexual reproduction**, reproducción asexual
- asteroid**, asteroide
- atmosphere**, atmósfera
- atom**, átomo
- atomic number**, número atómico
- atom**, átomo
- attach**, adjuntar

- calcium**, calcio
- calorie**, caloría
- cancer**, cáncer
- capillary**, capilar
- carbohydrate**, carbohidrato
- carbon**, carbón
- carbon dioxide**, dióxido de carbono
- cardiovascular system**, sistema cardiovascular
- cell cycle**, ciclo celular
- cell division**, división celular
- cell membrane**, membrana celular
- cell wall**, pared celular
- chemical bond**, cadena química
- chemical change**, cambio químico
- chemical energy**, energía química
- chemical property**, propiedad química
- chloroplast**, clorofila
- chromosome**, cromosoma
- cinder cone volcano**, cono de cenizas
- circulatory system**, sistema circulatorio
- clone**, clonar
- coal**, carbón
- comfortable**, cómodo
- composite volcano**, volcán compuesto
- composition**, composición
- compound microscope**, microscopio compuesto
- compression**, compresión
- concave**, cóncavo
- conduction**, conducción
- conductor**, conductor
- conservation of energy**, conservación de energía
- conservation of mass**, conservación de masa
- conserve**, conservar

- disposal**, eliminación, disposición
- dissolve**, disolver
- diversity**, diversidad
- DNA (deoxyribonucleic acid)**, ADN
- dominant gene**, gen dominante
- ecology**, ecología
- electrical energy**, energía eléctrica
- electromagnetic spectrum**, espectro electromagnético
- electron**, electrón
- emerge**, emerger
- end species**, especies en vías de extinción
- endothermic**, endotérmico
- energy sources**, fuentes de energía
- equilibrium**, equilibrio
- esophagus**, esófago
- eukaryote**, eucariota
- evolution**, evolución
- excrete**, excretar
- exoskeleton**, dermatoesqueleto
- exosphere**, exósfera
- exothermic**, exotérmico
- extinct**, extinto
- fertilization**, fertilización
- fertilizer**, fertilizar
- filter**, filtrar
- filtration**, filtración
- fluid**, fluido
- forecast**, pronóstico
- freezing point**, punto de congelamiento
- fuel**, combustible

SAMPLE

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**3 Grade Levels**

**3 Subjects**

**Elementary (3-5)**

**Jr./Middle School (6-8)**

**High School (9-12)**

**Language Arts**

**Math**

**Science**

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# SPANISH

English to Spanish

Language Arts

9-12

Item #: SPAN 9-12 L

A-C

- abstract**, resumen
- accommodate**, acomodar, contener
- accompany**, acompañar
- acknowledge**, reconocer
- acronym**, acrónimo
- active listening skills**, habilidades de escucha activa
- adjustment**, ajuste, ajustamiento
- advertising code**, código publicitario
- advertising copy**, copia publicitaria
- advocate**, abogado
- aesthetic purpose**, finalidad estética
- aesthetic quality**, calidad estética
- albeit**, aunque
- allegory**, alegoría
- allocation**, asignación, reparto
- ambience**, ambiente
- ambiguity**, ambigüedad
- ambiguous**, ambiguo
- American literature**, literatura americana
- analysis**, análisis
- ancient literature**, literatura antigua
- anecdotal scripting**, guión anecdótico
- anecdote**, anécdota
- Anglo-Saxon affix**, afixo anglosajón
- Anglo-Saxon root**, raíz anglosajona
- annotated bibliography**, bibliografía anotada
- antagonist**, antagonista
- appeal**, solicitar, apelar

- bolding**, negrita
- copyright**, censura
- character motivation**, motivación del personaje
- character trait**, rasgos del personaje
- citation**, citación
- clarification**, aclaraciones
- clarity of meaning**, claridad de significado
- clarity of purpose**, claridad de los objetivos
- classical allusion**, alusión clásica
- climax**, clímax
- cognate**, cognado
- coherence**, coherencia
- colleagues**, colegas
- collective noun**, sustantivo colectivo
- comma fault**, coma mal colocada
- comma splice**, coma mal colocada
- commence**, comenzar
- complexity**, complejidad
- component**, componente
- comprehensive**, exhaustivo
- complexion**, tono de piel
- complex sentence**, oración compleja
- comprise**, comprender
- conceptual map**, mapa conceptual
- confer**, conferir
- connotation**, connotación
- consequent**, consecuente
- consonance**, consonancia
- constitute**, constituir
- consumer document**, documento del consumidor
- context credibility**, contexto de credibilidad
- controlling idea**, idea principal

- distort**, distorsionar
- domestic**, nacional, local
- dramatic irony**, ironía dramática
- dramatic monologue**, monólogo dramático
- duration**, duración
- editorial**, editoriales
- elements of plot**, elementos de la trama
- elements of poetry**, elementos de poesía
- elements of prose**, elementos de la prosa
- emotional appeal**, apelación emocional
- emphasis**, énfasis
- etymology**, etimología
- excerpt**, extracto
- explicit**, explícito
- exploitation**, explotación
- external conflict**, conflicto externo
- falling action**, desenlace
- figurative language**, lenguaje figurado
- fluctuate**, fluctuar
- forthcoming**, próximo
- free verse**, verso libre
- friendly audience**, audiencia amistosa
- fundamental**, fundamental
- future perfect verb tense**, tiempo verbal de futuro perfecto

G-I

- generalization**, generalización

3 Grade Levels

3 Subjects

Elementary (3-5)

Jr./Middle School (6-8)

High School (9-12)

Language Arts

Math

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# SPANISH

English to Spanish  
 Mathematics 9-12  
 Item #: SPAN 9-12 M

A-C

- AA triangle similarity, triángulos semejantes AA
- AAA triangle similarity, triángulos semejantes AAA
- AAS triangle congruence, triángulos congruentes AAS
- Abelian group, grupo abeliano
- above zero, encima de cero
- abscissa, abscisa
- absolute deviation, desviación absoluta
- absolute magnitude, magnitud absoluta
- absolute maximum, máximo absoluto
- absolute term, término absoluto
- accumulator, acumulador
- additive property of equality, propiedad aditiva de igualdad
- algebraic system, sistema algebraico
- algorithm, algoritmo
- all possible outcomes, todos los resultados posibles
- alternate angle, ángulo alterno
- alternating series, series alternas
- ambiguous case, caso ambiguo
- amplification, amplificación
- analytical geometry, geometría analítica
- analytical proof, prueba analítica
- angle addition postulate, postulado de suma de un ángulo
- angle in standard position, ángulo en posición estándar
- angle measure, medida de ángulo
- angle of depression, ángulo de depresión
- angle of elevation, ángulo de elevación
- apothem, apotema
- application, aplicación
- arc, arco

- cancellation law of multiplication, cancelación de la multiplicación
- cancellation method, método de cancelación
- Cartesian coordinate system, sistema de coordenadas cartesianas
- Cartesian plane, plano cartesiano
- center-radius equation of a circle, ecuación centro y radio de un círculo
- centigrade, centígrado
- centiliter, centilitro
- central angle, ángulo central
- central limit theorem, teorema del límite central
- central symmetry, simetría central
- central tendency, tendencia central
- centroid of a triangle, centroide de un triángulo
- certain case, caso cierto
- certain event, evento cierto
- check by factoring, chequeo por factorización
- circumcenter, circuncentro
- circumcircle, circuncírculo
- circumscribed, circunscrito
- closed, cerrado
- cofunction, cofunción
- common line, línea común
- common logarithm, logaritmo común
- common perpendicular, perpendicular común
- common tangent, tangente común
- commutative, conmutativo
- commutative property, propiedad conmutativa
- complement of a set, complemento de un conjunto
- complementary angles, ángulos complementarios
- complementary divisor, divisor complementario
- completing the square, completar un cuadrado
- complex conjugate, conjugado complejo
- complex fraction, fracción compleja
- complex root, raíz compleja
- composition of functions, composición de funciones

- equations, ecuaciones
- constant coefficient, coeficiente constante
- constant factor, factor constante
- constant of proportionality, constante de proporcionalidad
- constant term, término constante
- contrapositive of a statement, contrapositivo de una frase
- converge to, tender a
- converse of a statement, converso de una frase
- convex angles, ángulos convexos
- convex polygon, polígono convexo
- convexity, convexidad
- coordinate axis, ejes de coordenada
- transformation, transformación
- coplanar, coplanar
- corollary, corolario
- correlation, correlación
- correlation coefficient, coeficiente de correlación
- corresponding value for, valor correspondiente para
- cosine, coseno
- cotangent, cotangente
- coterminal angles, ángulos coterminales
- cross-section, sección transversal
- cube both sides, elevar ambos lados al cubo
- cubic equation, ecuación cúbica
- cumulative, acumulativo
- cumulative frequency histogram, histograma de frecuencia acumulativa
- cumulative relative frequency, frecuencia relativa acumulativa

SAMPLE

3 Grade Levels

3 Subjects

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Jr./Middle School (6-8)

High School (9-12)

Language Arts

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# SPANISH

English to Spanish

Science

9-12

Item #: SPAN 9-12 S

### A-C

- abrasion**, abrasión, desgaste
- absolute age**, edad absoluta
- absolute dating**, datación absoluta
- absorption**, absorción
- accelerating agent**, agente de aceleración
- accumulation**, acumulación
- acid test**, prueba de acidez
- acid-base indicator**, indicador ácido-base
- activation energy**, energía de activación
- active transport**, transporte activo
- adhesion**, adhesión
- adrenaline**, adrenalina
- aerobic bacteria**, bacteria aeróbica
- aerobic respiration**, respiración aeróbica
- aerodynamics**, aerodinámica
- agents of erosion**, agentes de erosión
- aggregate**, en conjunto
- agriculture**, agricultura
- air pollution**, contaminación del aire
- albinism**, albinismo
- alcoholic fermentation**, fermentación alcohólica
- algae**, alga
- all or none response**, toda o ninguna
- allele**, alelo
- alternation of generation**, alternación de generaciones
- ammonia**, amoníaco
- amniotic fluid**, líquido amniótico
- amorphous**, amorfo
- amp**
- anal**

### 3 Grade Levels

■ **Elementary (3-5)**

■ **Jr./Middle School (6-8)**

■ **High School (9-12)**

- ATP (adenosine tri-phosphate)**, to de adenosina
- autonomic nervous system**, sistema nervioso autónomo
- autotroph**, autótrofo
- Avogadro's number**, número de Avogadro
- balanced equation**, ecuación balanceada
- bedrock**, lecho de roca
- Bernoulli's principle**, principio de Bernoulli
- Big Bang theory**, teoría del Big Bang
- binary compound**, compuesto binario
- binary fission**, fisión binaria
- binding energy**, energía enlazante
- binomial nomenclature**, nomenclatura binomial
- biochemistry**, bioquímica
- biodegradable**, biodegradable
- biodiversity**, biodiversidad
- biogenesis**, biogénesis
- biogeochemistry**, biogeoquímica
- biogram**
- biom**
- birth**
- buoyancy**, flotación
- carbon fixation**, fijación del carbono
- carbon monoxide**, monóxido de carbono
- carcinogen**, carcinógeno
- carrying capacity**, capacidad de carga
- catabolism**, catabolismo
- catalyst**, catalizador
- cation**, catión
- celestial body**, cuerpo celeste
- cellular differentiation**, diferenciación celular

- concentration gradient**, gradiente de concentración
- constructive interference**, interferencia constructiva
- convection cell**, célula de convección
- convergent boundaries**, límites convergentes
- coordinate covalent bond**, enlace covalente coordinado
- covalent bond**, enlace covalente coordinado
- currents**, corrientes
- decomposition**, descomposición
- destructive distillation**, destilación destructiva
- diffraction**
- di-cross**, cruz dihíbrida
- diploid**, diploide
- disorder**, desorden
- divergent boundaries**, límites divergentes
- division**, división
- double replacement**, reemplazo doble
- dynamic equilibrium**, equilibrio dinámico
- electromagnetic energy**, energía electromagnética
- electromagnetic wave**, onda electromagnética
- electron configuration**, configuración de electrón
- electronegativity**, electronegatividad
- end product**, producto final
- endocytosis**, endocitosis
- endoplasmic reticulum**, retículo endoplásmico
- endothermic reaction**, reacción endotérmica
- energy**, de energía

### 3 Subjects

■ **Language Arts**

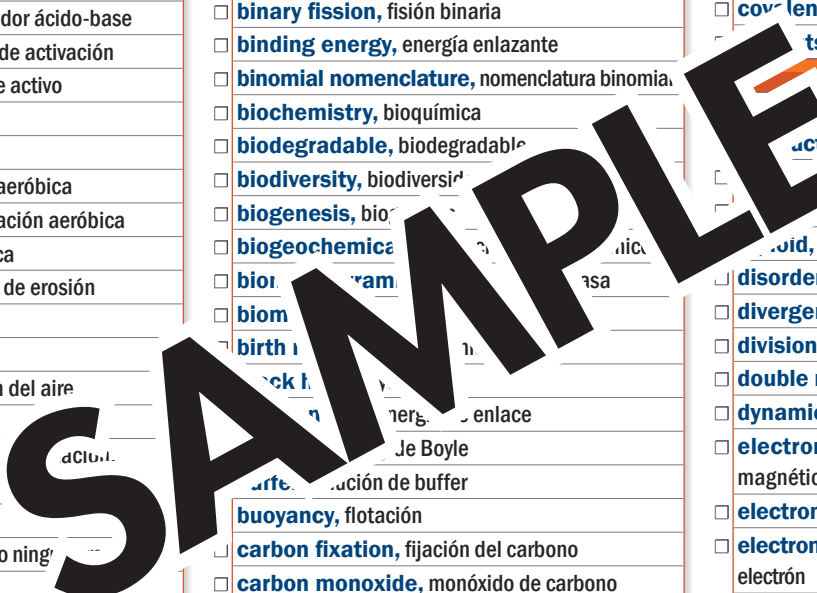
■ **Math**

■ **Science**

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# My Academic Vocabulary Journal

## 6 Step Academic Vocabulary Organizer Explained

### ENGAGE WITH CONTENT

Students identify academic term.

#### Activity 1

Students write textbook or teacher explanation of the term.

#### Activity 2

Students begin thinking and referencing prior knowledge related to this concept.

Subject: Math Date: 2/9/17

Word <i>common denominator</i>	What I heard: <i>A denominator of 2 or more fractions must be equal to perform addition, subtraction, or to compare fractions.</i>
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#### Activity 3

Students develop a graphic representation of the concept.

What I think the word means: <i>Same number on bottom to plus or minus fractions.</i>	My drawing/graphic/symbol of the word: <i>Find common denominators</i> $2x \frac{3}{4} + \frac{1}{8} = ?$ $\frac{6}{8} + \frac{1}{8} = \frac{7}{8}$
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### EXPLAIN REASONING

#### Activity 4

Students refine their understanding by identifying opposing definitions or ideas.

What I think the opposite/non-example of the word is: <i>different denominators</i> <i>NOT <math>\frac{5}{13} + \frac{6}{15} = \frac{11}{15}</math></i>
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#### Activity 5

Promotes academic language discussion, and helps students to verbalize before they write.

What characteristics of the word did I learn from my discussion: <i>In order to add or subtract fractions, you must have common denominators.</i>
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### INITIATE ACADEMIC DISCUSSION

#### Activity 6

Engages students in interactive demonstration of understanding.

A sentence describing what I learned after the group activity/game using this word: <i>if denominators are not the same, we could make them <u>common denominators</u> by <u>multiplying</u>.</i>	Self Assessment: I can define the word in English and use it correctly. <input checked="" type="checkbox"/> I can use the word but can NOT define it in English. <input type="checkbox"/> I know the word in English but can NOT use the word. <input type="checkbox"/> I'm still confused! HELP! <input type="checkbox"/>
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Allows students to self-evaluate and help teachers know if the issue is language or content.

### ASSESS UNDERSTANDING

### How To Order:

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