

Lección 4: Multiplicar números de varias cifras

Estrategias:

What Is It?

The products I get in each step of multiplying multi-digit numbers.

What I Know About It

I add the partial products to find the total product.

partial products

Examples

$$\begin{array}{r} 23 \\ \times 45 \\ \hline 115 \\ 920 \\ \hline 1,035 \end{array}$$

partial products

Examples

$$\begin{array}{cc} 100 & + & 30 \\ 20 & \boxed{\begin{array}{l} 20 \times 100 \\ 20 \times 30 \end{array}} & \\ 130 \times 20 = 2,000 + 600 & & \\ = 2,600 & & \end{array}$$

Examples

To find 220×5 , I can find the partial products $200 \times 5 = 1,000$ and $20 \times 5 = 100$. Then I add the partial products: $220 \times 5 = 1,000 + 100 = 1,100$

Use an area model to show partial products.

To find the product 128×35 , sketch a rectangle with dimensions 128 by 35.

128 is $100 + 20 + 8$.

35 is $30 + 5$.

	100	+	20	+	8
30	$30 \times 100 = 3,000$		$30 \times 20 = 600$		$30 \times 8 = 240$
+					
5	$5 \times 100 = 500$		$5 \times 20 = 100$		$5 \times 8 = 40$

First row: $3,000 + 600 + 240 = 3,840$

Second row: $500 + 100 + 40 = 640$

Vocabulario:

Math Vocabulary

distributive property when one of the factors of a product is written as a sum, multiplying each addend by the other factor before adding does not change the product. For example, $3 \times 12 = (3 \times 10) + (3 \times 2)$.

Review the following key terms.

algorithm a set of routine steps used to solve problems.

factor a number that is multiplied.

partial products the products you get in each step of the partial-products strategy. You use place value to find partial products. For example, the partial products for 124×3 are 3×100 or 300, 3×20 or 60, and 3×4 or 12.

product the result of multiplication.

Academic Vocabulary

reasonableness the quality of making sense.

sketch a drawing that is done quickly in order to give a general idea.

standard regularly and widely used; generally accepted.

Los estudiantes aprenderán el algoritmo estándar (el método habitual) de la multiplicación este año, aunque todavía no del todo.

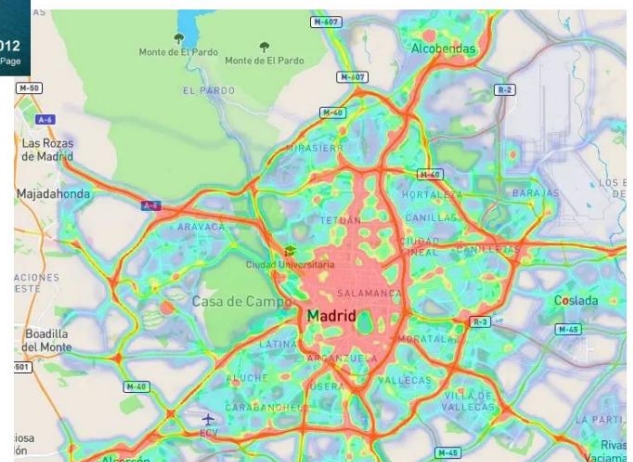
Ciencias de 5.º grado

La Tierra y sus cambios a lo largo del tiempo:

- Estamos aprendiendo a crear/desarrollar modelos para ilustrar cómo
Los cambios en las características de la superficie son causados por procesos constructivos y procesos destructivos.
- Estamos aprendiendo a hacer preguntas para obtener información sobre
cómo se utiliza la tecnología para limitar y/o predecir la construcción
y procesos destructivos.

Vocabulario:

terremoto, epicentro, falla, pronóstico de inundaciones, mapa SIG, deslizamiento de tierra, morrena, montaña, alud de lodo, tectónica de placas, deslizamiento de rocas, imágenes satelitales, sismología, sumidero, placas tectónicas, terrazas, isla volcánica, volcán



INTO READING 5TH**MODULE 2 WEEK 1**

Below are the stories, reading skills & strategies, vocabulary words, and spelling skills that we will be studying this week. We look forward to diving in!

**Big Idea Words**

prose dialogue
climax foreword

Essential Question

How does genre affect the way a story is told?

Reading Skills & Strategies

Literary Elements: the characters, setting, and plot

Synthesize: changing your thinking based on what you know plus what you have learned

Text and Graphic Features: features used to organize the text like headings, captions, maps, and graphs

Figurative Language: the figures of speech that compare or exaggerate including similes, metaphors, and idioms

Characters: the people, animals, or creatures in a story that can think, feel, and act

Texts

- Many Ways to Tell a Story
- AirBorn

Vocabulary Words

panic	a feeling of strong fear leaving someone unable to think clearly
densely	covered so thickly it is difficult to see through
projected	appeared to be real but is not
favorable	gives a benefit or contributes to success
reasonable	logical and easy to understand
contents	topics or subjects included
porthole	a small, round window on a ship
delirious	confused due to fever or illness
deficiencies	weaknesses or flaws

Spelling Skills

Words with prefixes:

post-
fore-

Words with suffixes:

-ment
-ness

Tareas para el período del 31 de agosto al 4 de septiembre.

1. Registro de lectura mensual: anota el libro que leíste.

Cada noche, cuánto tiempo lees y pide a un padre que firme cada día. (Entrega a fin de mes)

2. Hoja de matemáticas semanal: Multiplicar números enteros de varias cifras (anverso) y tablas de multiplicar (reverso). a. Lea atentamente TODAS las instrucciones y utilice los ejemplos

proporcionados para completar. b. Si su hijo

necesita ayuda y no está seguro

cómo ayudarlos, pueden venir y preguntarle a la Sra.

Norton para ayuda con la tarea durante nuestro

Horario laboral matutino: de 7:30 a 8:00 de la mañana.

- c. El anverso y el reverso deben estar terminados para el viernes. 4 de septiembre.

3. Comprensión lectora semanal: Lee el artículo “Los vaqueros negros de Texas” y responde las preguntas de comprensión con oraciones completas. Las respuestas deben entregarse antes del viernes 4 de septiembre.