**GUÍA DE MATEMÁTICA**

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| NOMBRE: |  | | |
| CURSO: | 6° Básico | FECHA: | **Semana 18** |
| OBJETIVO: OA,2,3,4,5,11,12 (5º) | | | |
| Contenidos: Números. | | | |
| Objetivo de la semana: Demostrar comprensión de los objetivos trabajados durante el primer semestre. Resolviendo problemas, Desarrollando guía. | | | |
| Habilidad: Resolver problemas. | | | |

**Instrucciones**

Estimados alumnos y alumnas: En la siguiente guía de trabajo, deberán desarrollar las actividades planeadas para la clase que ha sido suspendida por prevención. Las instrucciones están dadas en cada ítem.

**¡Éxito!**

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| **Resolver Problemas** es dar una solución a alguna dificultad.  En la siguiente guía, vamos a demostrar todo lo que hemos aprendido durante este período de cuarentena. Sigue las instrucciones de cada una de las actividades.  **Cálculo Mental**  **Desarrolla las siguientes operaciones de forma mental y marca la alternativa con el resultado correcto:**   |  |  |  | | --- | --- | --- | | 153 · 10=  a) 153  b) 1.530  c) 15.300  d) 153.000 | 25 · 4=  a) 25  b) 50  c) 75  d) 100 | 50 : 2=  a) 20  b) 25  c) 40  d) 50 |     **Multiplicación de números naturales**  **Estima el valor de las siguientes multiplicaciones redondeando los factores a la decena y marca la alternativa que más se acerca al resultado correcto.** Recuerda que estimar es dar un valor aproximado.   |  |  | | --- | --- | | 67 · 12 =  a) 700  b) 800  c) 600  d) 500 | 12 · 61=  a) 700  b) 600  c) 500  d) 400 |   **Resuelve las siguientes multiplicaciones y marca la alternativa con el resultado:**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  | **3** | **6** | **·** | **3** | **6** |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  1. 1.296 2. 1.216 3. 108 4. 324 | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  | **2** | **3** | **·** | **5** | **0** |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  1. 230 2. 2.300 3. 115 4. 1.150 |   **Lee el siguiente problema y marca la operación que permite responder correctamente:**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | b) |  |  |  |  |  |  |  |  |  |  | |  |  |  | 2 | 3 | · | 1 | 3 |  |  |  | |  |  |  | 6 | 9 |  |  |  |  |  |  | |  | + | 2 | 3 | 0 |  |  |  |  |  |  | |  |  | 2 | 9 | 9 |  |  |  |  |  |  | |  | Hay 299 chocolates | | | | | | | | | |   Una caja contiene 23 chocolates. ¿Cuántos chocolates hay en 13 cajas?   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | a) |  |  |  |  |  |  |  |  |  |  | |  |  |  | 2 | 3 | · | 1 | 3 |  |  |  | |  |  |  | 6 | 9 |  |  |  |  |  |  | |  | + |  | 2 | 3 |  |  |  |  |  |  | |  |  |  | 9 | 2 |  |  |  |  |  |  | |  | Hay 92 chocolates | | | | | | | | | | |   **División de números naturales**  **Agrupa los elementos en las cantidades solicitadas y completa la información:**   |  |  | | --- | --- | | Grupos de 5  Se formaron\_\_\_Grupos.  Sobran\_\_\_\_. | Grupos de 3  Se formaron\_\_\_Grupos.  Sobran\_\_\_\_. | |
| **Resuelve las siguientes divisiones y marca la alternativa con el resultado:**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **3** | **4** | **:** | **6** | **=** |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |   a) 5  b) 4  c) 3  d) 2 | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **4** | **2** | **5** | **:** | **4** | **=** |  |  |  | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |   a) 105  b) 106  c) 107  d) 108 | |
| **Lee el siguiente problema y marca la operación que permite responder correctamente:**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | | a) | |  |  |  | 2 | 6 | : | 4 | = | 6 |  |  | |  |  | - | 2 | 4 |  |  |  |  |  |  | |  |  |  | 1 | 2 |  |  |  |  |  |  | |  | Cada una toca 6 pinches y sobran 12. | | | | | | | | | |   Marcela quiere repartir 26 pinches entre sus 4 amigas ¿Cuántos pinches tocan cada una? ¿Sobran pinches?   |  | | --- | | b) | |  |  |  | 2 | 6 | : | 4 | = | 6 |  |  | |  |  | - | 2 | 4 |  |  |  |  |  |  | |  |  |  | 0 | 2 |  |  |  |  |  |  | |  | Cada una toca 6 pinches y sobran 2. | | | | | | | | | | |   **.** |
| **Operatoria Combinada**  **Marca la letra de los ejercicios que fueron desarrollados en el orden correcto.**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **3** | **·** | **8** | **+** | **5** | **0** | **:** | **5** | **-** | **5** | |  | 2 | 4 | + | 5 | 0 | : | 5 | - | 5 | |  |  |  | 7 | 4 |  | : | 5 | - | 5 | |  |  |  |  |  | 1 | 4 |  | - | 5 | |  |  |  |  |  |  |  | **9** |  |  |   **a)** | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **3** | **·** | **8** | **+** | **5** | **0** | **:** | **5** | **-** | **5** | **=** | |  | 2 | 4 | + | 5 | 0 | : | 5 | - | 5 |  | |  | 2 | 4 | + |  | 1 | 0 |  | - | 5 |  | |  |  |  | 3 | 4 |  |  |  | - | 5 |  | |  |  |  |  |  |  | **2** | **9** |  |  |  |   **b)** | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **(9** | **+** | **1** | **6)** | **+** | **(1** | **8** | **·** | **5)** | **+** | **2** | |  | 2 | 5 |  | + | (1 | 8 | · | 5) | + | 2 | |  |  |  | 4 | 3 |  |  | · | 5 | + | 2 | |  |  |  |  |  | 2 | 1 | 5 |  | + | 2 | |  |  |  |  |  |  |  |  | **2** | **1** | **7** |   **a)** | **b)**   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **(9** | **+** | **1** | **6)** | **+** | **(1** | **8** | **·** | **5)** | **+** | **2** | |  | 2 | 5 |  | + |  | 9 | 0 |  | + | 2 | |  |  |  | 1 | 1 | 5 |  |  |  | + | 2 | |  |  |  |  |  |  |  |  | **1** | **1** | **7** | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **a** | **(3** | **2** | **-** | **1** | **2)** | **:** | **(1** | **5** | **-** | **1** | **0)** | **-** | **2** | |  |  | 2 | 0 |  |  | : |  | 5 |  |  |  | **-** | 2 | |  |  |  |  |  | 4 |  |  |  |  |  |  | **-** | 2 | |  |  |  |  |  |  |  |  |  |  | 2 |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **b** | **(3** | **2** | **-** | **1** | **2)** | **:** | **(1** | **5** | **-** | **1** | **0)** | **-** | **2** | |  | 3 | 2 | - | 1 | 2 | : | 1 | 5 | - | 8 |  | 8 |  | |  |  |  | 2 | 0 |  | : |  |  | 7 |  |  |  |  | |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | |
| **Números decimales**  **Marca la alternativa en donde los números decimales están ubicados correctamente en la recta numérica:**    a)  ***0,5***  ***0,3***  ***0,1***    b)  ***0,5***  ***0,3***  ***0,1***    c)  ***0,5***  ***0,3***  ***0,1***    d)  ***0,5***  ***0,3***  ***0,1*** |
| ***“0,3 es igual a 0,03”*. Esta afirmación es FALSA porque:**  a) 30 es mayor que 3.  b) Todos los números decimales tienen el mismo valor  c) Según el valor posicional de los decimales, tienen un valor distinto.  d) Los decimales son iguales que los enteros. |
| **Marca la alternativa que contiene decimales ordenados de MENOR A MAYOR**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | a) | 0,1 | 0,10 | 0,100 | 0,500 | | b) | 0,002 | 0,02 | 0,1 | 0,2 | | c) | 0,1 | 0,02 | 0,002 | 0,001 | | d) | 0,4 | 0,3 | 0,2 | 0,1 | |
| **Adición y sustracción de decimales**  **Encierra la letra de los ejercicios que están correctamnete desarrollados:**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | 0**,** | 2 | 3 |  | | + | 0**,** | 3 | 1 | 5 | |  | **0,** | **5** | **4** | **5** |   a) 0,23 + 0,315 | b) 0,23 + 0,315   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  | 0**,** | 2 | 3 | | + | 0**,** | 3 | 1 | 5 | |  | **0,** | **3** | **3** | **8** | | | a) 0,492 - 0,31   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | 0**,** | 4 | 9 | 2 | | - | 0**,** | 3 | 1 | 0 | |  | **0,** | **1** | **8** | **2** | | b) 0,492 - 0,31   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | 0**,** | 4 | 9 | 2 | | - |  | 0**,** | 3 | 1 | |  | **0,** | **4** | **6** | **1** | | | **¿Por qué se debe respetar la posición de la coma al sumar o restar decimales?**  **¡Bien hecho!**  a) Porque la coma nos permite ordenar los números decimales de acuerdo a su valor posicional.  b) Porque la coma indica hacia que lado debo empezar la operación.  c) Porque la coma es equivalente a un décimo.  d) Porque la coma es equivalente a un centésimo. | | |