**GUÍA DE MATEMÁTICA**

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| NOMBRE: |  | | |
| CURSO: | 8° Básico | FECHA: |  |
| OBJETIVO: Pre requisito**3:** Resolver problemas que involucren la multiplicación y la división de fracciones y de decimales positivos de manera concreta, pictórica y simbólica (de forma manual y/o con software educativo). | | | |

**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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| **5,04**  **5,0**  **5**  **1. Redondea cada número decimal al número natural más cercano, al décimo más cercano y al centésimo más cercano.** | | | |
| **2. Resuelve las siguientes adiciones (Recuerda ordenar los números según su valor posicional)** | | | |
| **a) 0,34 + 2, 26 =**   |  |  |  |  | | --- | --- | --- | --- | |  |  | 1 |  | |  | *0,* | *3* | *4* | |  | *2,* | *2* | *6* | |  | *2,* | *6* | *0* |   **Ejemplo** | **b) 6,3 + 0,63 =**   |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | | **c) 0,25 + 2,205 =**   |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | | **d) 3,14 + 31,4 =**   |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **3. Resuelve las siguientes sustracciones** | | | |
| **a) 0,221 - 0,16 =**   |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | | **b) 7,2 + 4,41 =**   |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | | **c) 3,002 + 1,301 =**   |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | | **d) 6,24 + 62,5 =**   |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **4.** | | | |

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| **1. Resuelve cada multiplicación** | | | |
| Ejemplo  a. 0,7 4   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | 2 |  |  |  | |  | 0, | 7 |  | 4 | |  | ***2,*** | ***8*** |  |  |   b. 2,3 10   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  |   c. 4 1,4   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | | | | d. 2,34 5   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  |   e. 1,03 3   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  |   f. 4,31 100   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |
| **2. Resuelve cada división** | | |
| a. 1,5 3 =   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | 1 | 5 | *0*: | 3 | 0 | = | 0, | 5 | |  |  | 0// |  |  |  |  |  | |  |  |  |  |  |  |  |  |   b. 4,8 : 0,4 =   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |   c. 4 0,4 =   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | d. 3,34 2 =   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |   e. 1,02 3 =   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |   f. 6,25 : 0,5 =   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | | |
| **3.**  **Resuelve los siguientes problemas asociados a multiplicación y división de decimales** | | |
| a. Para una tarea de Educación Tecnológica, Sebastián utilizará témpera para pintar unas cajas. Para esto necesita 0,264 litros de témpera por caja. Si la idea de Sebastián es pintar 6 cajas para hacer su trabajo, ¿Cuántos litros de pintura necesitará?  R.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  b. Marcela compra 1, 44 kg de galletas, las cuales se reparten entre 6 amigos ¿Cuántos kg de galletas le corresponde a cada uno?  R.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | | |