**GUÍA DE MATEMÁTICA**

|  |  |
| --- | --- |
| NOMBRE: |  |
| CURSO: | 6° Básico | FECHA: | **Semana 23** |
| **OBJETIVO**: OA 3. Demostrar que comprenden el concepto de razón de manera concreta, pictórica y simbólica, en forma manual y/o usando software educativo. |
| **Contenidos**: Números. |
| **Objetivo de la semana**: Demostrar comprensión del concepto de razón y su resolución. De forma pictórica, simbólica, resolviendo problemas. Desarrollando Guía. |
| **Habilidad**: Representar. |

**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!**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Resolver Problemas** es dar una solución a alguna dificultad.En la siguiente guía, vamos a demostrar todo lo que hemos aprendido de razones en este período de cuarentena. Sigue las instrucciones de cada una de las actividades.**Razones****Observa las iguientes representaciones pictóricas de razones y marca la alternativa con la correspondiente:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |

1)a) 4 : 7b) 11 : 7c) 7 : 4d) 11 : 4 |
| 2)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |

a) 3 : 11b) 11 : 3c) 3 : 8d) 8 : 3 |
| 3)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |

a) 9 : 2b) 9 : 11c) 11 : 9d) 2 : 11 |

**Observa las siguienetes razones y marca la alternativa con su representación correspondiente.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4) 4 : 3

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| a) |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| b) |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| c) |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d) |  |  |  |  |  |  |  |  |  |  |

 |
| 5) 2 : 5

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| a) |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| b) |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| c) |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d) |  |  |  |  |  |  |  |  |  |

 |
| 6) 1 : 6

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| a) |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| b) |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| c) |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d) |  |  |  |  |  |  |  |  |

 |

**Lee los siguientes problemas y marca la alternativa con la respuesta correcta.**7) Luego de un evento en el gimnasio municipal, se recogieron 20 bolsas. Además, por cada 1 bolsa se recogieron 12 latas de bebida, ¿En qué razón están las BOLSAS de las LATAS?

|  |  |  |  |
| --- | --- | --- | --- |
| **a)** 1 : 20 | **b)** 1 : 12 | **c)** 12 : 1 | **d)** 12 : 20 |

8) En una caja, hay cuadernos azules y verdes, y la razón entre ellos es de 2 : 3. Si en total hay 50 cuadernos en la caja ¿Cuántos cuadernos verdes hay?

|  |  |  |  |
| --- | --- | --- | --- |
| **a)** 50 cuadernos. | **b)** 20 cuadernos. | **c)** 30 cuadernos. | **d)** 3 cuadernos. |

**¡Bien hecho!** 9) Las partes de la razón se llaman:a) Minuendo y sustraendo.b) Numerador y denominador.c) Antecedente y consecuente.d) Antecesor y sucesor. |