**Matemáticas Trimestre 2 Parcial 1 fecha de examen: 13 de Diciembre 2023**

**Nombre : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ GUIA**

* Completa la tabla y anota los factores de proporcionalidad que faltan

**X** $\frac{1}{2}$

x 1/2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Figura original | Copia 1 | Copia 2 | Copia 3 |
| Medida a | 4 | 20 |  |  |
| Medida b |  |  | 5 |  |
| Medida c | 12 |  |  | 90 |

x 1/3

* Orden de jerarquía de operaciones
* Tabla de ley de los signos
* multiplicaciones de fracciones

$\frac{7}{8}\* \frac{4}{5}= \frac{ }{} $ $\frac{22}{33}\* \frac{3}{2}= \frac{ }{} $ $\frac{15}{21}\* \frac{2}{3}= \frac{ }{} $

Resuelve las siguientes divisiones de fracciones

$\frac{7}{9}÷ \frac{6}{9}= \frac{ }{} $ $\frac{25}{50}÷ \frac{1}{3}= \frac{ }{} $ $\frac{6}{12}÷ \frac{3}{4}= \frac{ }{} $

* Realiza la siguiente figura a una escala 2:1 (1 punto)

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

Sistema de engranajes

¿Cuándo B da una vuelta, A dará?

* Más de una vuelva
* Menos de una vuelta
* Giran parejos.
* Reglas de divisibilidad
* Escala numérica
* Escala gráfica
* Escala de un mapa
* Semejanza

Determina el perímetro de las figuras y exprésalo en lenguaje algebraico (4 puntos)

