



*Escuela de educación básica "Padre Hugo Vásquez y Almazán"*  
*Aporte de Matemáticas 2do. Parcial I Quimestre*  
*Sexto año de Educación Básica*

1. *Escoge lo correcto*

a) *Escribe V a verdadero o F si es falso.*

- a. El 1 es divisor de todos los números. ()
- b. El conjunto de divisores de un número es infinito. ()
- c. El 4 es divisor de 15. ()
- d. El 2 tiene sólo dos divisores. ()
- e. El 3 y el 5 son divisores del 15. ()

b) *Escribe los divisores de los siguientes números (separados por comas)*

- a. D24 = {  }
- b. D8 = {  }
- c. D36 = {  }
- d. D48 = {  }
- e. D10 = {  }

2. *Criterio de divisibilidad seleccione según lo indique cada caso.*

Divisibles por 2

- |                                      |                                       |                                        |                                       |                                       |                                        |
|--------------------------------------|---------------------------------------|----------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------|
| <input type="button" value="4 751"/> | <input type="button" value="12 508"/> | <input type="button" value="125 620"/> | <input type="button" value="45 005"/> | <input type="button" value="17 326"/> | <input type="button" value="670 659"/> |
|--------------------------------------|---------------------------------------|----------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------|

Divisibles por 4

- |                                       |                                      |                                       |                                        |                                      |                                       |
|---------------------------------------|--------------------------------------|---------------------------------------|----------------------------------------|--------------------------------------|---------------------------------------|
| <input type="button" value="24 756"/> | <input type="button" value="2 522"/> | <input type="button" value="45 300"/> | <input type="button" value="128 044"/> | <input type="button" value="7 820"/> | <input type="button" value="67 108"/> |
|---------------------------------------|--------------------------------------|---------------------------------------|----------------------------------------|--------------------------------------|---------------------------------------|

Divisibles por 3

- |                                      |                                       |                                       |                                        |                                       |                                       |
|--------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------|---------------------------------------|---------------------------------------|
| <input type="button" value="3 442"/> | <input type="button" value="52 071"/> | <input type="button" value="74 200"/> | <input type="button" value="450 120"/> | <input type="button" value="57 820"/> | <input type="button" value="80 352"/> |
|--------------------------------------|---------------------------------------|---------------------------------------|----------------------------------------|---------------------------------------|---------------------------------------|

Divisibles por 9

- |                                    |                                      |                                      |                                       |                                      |                                       |
|------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|
| <input type="button" value="132"/> | <input type="button" value="2 526"/> | <input type="button" value="5 643"/> | <input type="button" value="28 044"/> | <input type="button" value="7 820"/> | <input type="button" value="55 917"/> |
|------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|

### 3. Hallar el MCD

**m.c.d. (56, 89)**

25

89

25 =

89 =

mcd =

**m.c.d. (90, 240)**

90

240

90 =

240 =

mcd =

### 4. Conversión de medidas de longitud

|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">2,75 hm</div> <div style="display: inline-block; width: 60px; height: 20px; border: 1px solid black; margin: 0 10px;"></div> <div style="text-align: right;">m.</div>                     | <div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block;">1 dm 5 cm 2 mm</div> <div style="display: inline-block; width: 60px; height: 20px; border: 1px solid black; margin: 0 10px;"></div> <div style="text-align: right;">m.</div>          |
| <div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block; color: orange;">0,02 km</div> <div style="display: inline-block; width: 60px; height: 20px; border: 1px solid black; margin: 0 10px;"></div> <div style="text-align: right;">m.</div>      | <div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block; color: orange;">0,8 dam</div> <div style="display: inline-block; width: 60px; height: 20px; border: 1px solid black; margin: 0 10px;"></div> <div style="text-align: right;">m.</div>  |
| <div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block; color: teal;">3 dam 2 m 2 dm</div> <div style="display: inline-block; width: 60px; height: 20px; border: 1px solid black; margin: 0 10px;"></div> <div style="text-align: right;">m.</div> | <div style="border: 1px solid black; border-radius: 10px; padding: 5px; display: inline-block; color: teal;">1 hm 5 dam</div> <div style="display: inline-block; width: 60px; height: 20px; border: 1px solid black; margin: 0 10px;"></div> <div style="text-align: right;">m.</div> |

### 5. Descomposición de factores primos

