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|  | EVALUACIÓN Nº 3II SEMESTRENombre: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Curso: 8ºB Fecha: 16.11.20Puntaje obtenido: \_\_\_\_\_\_ Puntaje Total: \_\_\_\_\_\_\_ Nota: \_\_\_\_**Instrucciones**: Resuelve la siguiente evaluación y a continuación envíala al correo:**nilsson1980@hotmail.com****, indicando nombre del alumno y curso en el asunto del mensaje.** |

***TODOS LOS EJERCICIOS DEBEN LLEVAR DESARROLLO, DE LO CONTRARIO SE CONSIDERARÁN ERRONEAS.***1**.** ¿Cuáles son las componentes del vector cuyo origen es el punto (5, 1) y su extremo el punto (6, –4)?

|  |  |  |  |
| --- | --- | --- | --- |
| A. | (–1, –4) | D. | (–1, –5) |
| B. | (–3, 2) | E. | ( 1, -5) |
| C. | (–4, 1) |  |  |

**2.** Un punto P (4, 3) se traslada hasta el punto P ’(2, –2). ¿Cuál es el vector de traslación correspondiente?

|  |  |  |  |
| --- | --- | --- | --- |
| A. | (–2, –5) | D. | (–2, –1) |
| B. | (–2, 5) | E. | (–2, 3) |
| C. | (–2, 1) |  |  |

**3.** Realiza la reflexión de la siguiente figura con respecto al eje **X**. Indica las coordenadas finales de esta. (A(1,1), B(5,1), C(5,4), D(1,4) )C:\Users\CRESLYE\Desktop\anaa\planocartesiano.jpg**Y****X****D****C****B****A** 1**Y****X****4.** Realiza la traslación de la siguiente figura. (V) =(5,5) y indica las coordenadas finales.(A(-1, 2), B(2,2), C(3,7), D(0,7) )C:\Users\CRESLYE\Desktop\anaa\planocartesiano.jpg

|  |  |  |
| --- | --- | --- |
|  | **Coordenadas** | **Finales** |
|  | **X** | **Y** |
| **A** |  |  |
| **B** |  |  |
| **C** |  |  |
| **D** |  |  |

**5.** Gráfica y realiza la rotación de la siguiente figura en 90º.

|  |  |  |
| --- | --- | --- |
| **90º** |  |  |
| **A** |  |  |
| **B** |  |  |
| **C** |  |  |
| **D** |  |  |

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|  |  |  |
| --- | --- | --- |
|  | **X** | **Y** |
| **A** | **4** | **3** |
| **B** | **10** | **3** |
| **C** | **9** | **6** |
| **D** | **5** | **6** |

 **6.** Aplica el teorema de Pitágoras según corresponda. X cm**X =**16 cm30 cm |

1.

**X =**

50 cm

X cm

48 cm