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| |  |  | | --- | --- | |  | EVALUACIÓN Nº 3  II SEMESTRE  Nombre: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Curso: 8ºB Fecha: 16.11.20  Puntaje obtenido: \_\_\_\_\_\_ Puntaje Total: \_\_\_\_\_\_\_ Nota: \_\_\_\_  **Instrucciones**: Resuelve la siguiente evaluación y a continuación envíala al correo:  [**nilsson1980@hotmail.com**](mailto: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** |  |  |   C:\Users\CRESLYE\Desktop\anaa\planocartesiano.jpg   |  |  |  | | --- | --- | --- | |  | **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 cm  30 cm |



**X =**

50 cm

X cm

48 cm