**Repaso de Tablas y gráfica**

**¿Qué tengo que saber?**

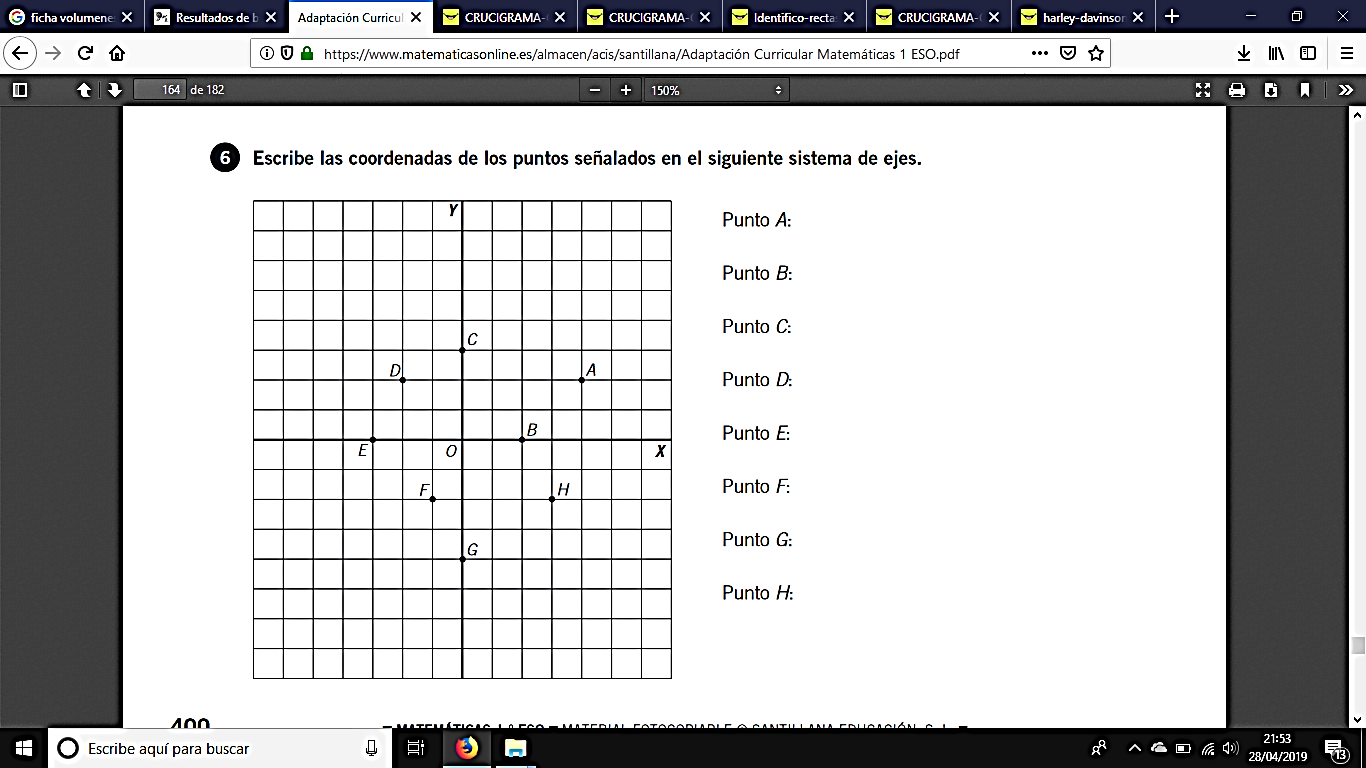
1. Conocer el eje cartesiano y sus partes
2. Saber colocar en el eje cartesiano distintos puntos a partir de sus coordenadas
3. Ser capaces de escribir las coordenadas de distintos puntos representados en el eje cartesiano
4. Saber representar una gráfica a partir de una tabla de valores
5. Saber interpretar una gráfica a partir de un enunciado dado
6. Comprender el concepto de función y diferenciar la variable dependiente de la independiente.
7. Saber representar gráficamente una función a partir de su fórmula, pasando por su tabla de valores.
8. Conocer la función de proporcionalidad directa, sus componentes
9. Resolver problemas relacionados con la función de proporcionalidad directa.
10. Escribe las coordenadas de los puntos señalados en el siguiente eje de coordenadas.

¿En qué cuadrante se encuentra del punto F y el punto A?

Si tienes dudas puedes consultar este video de youtube

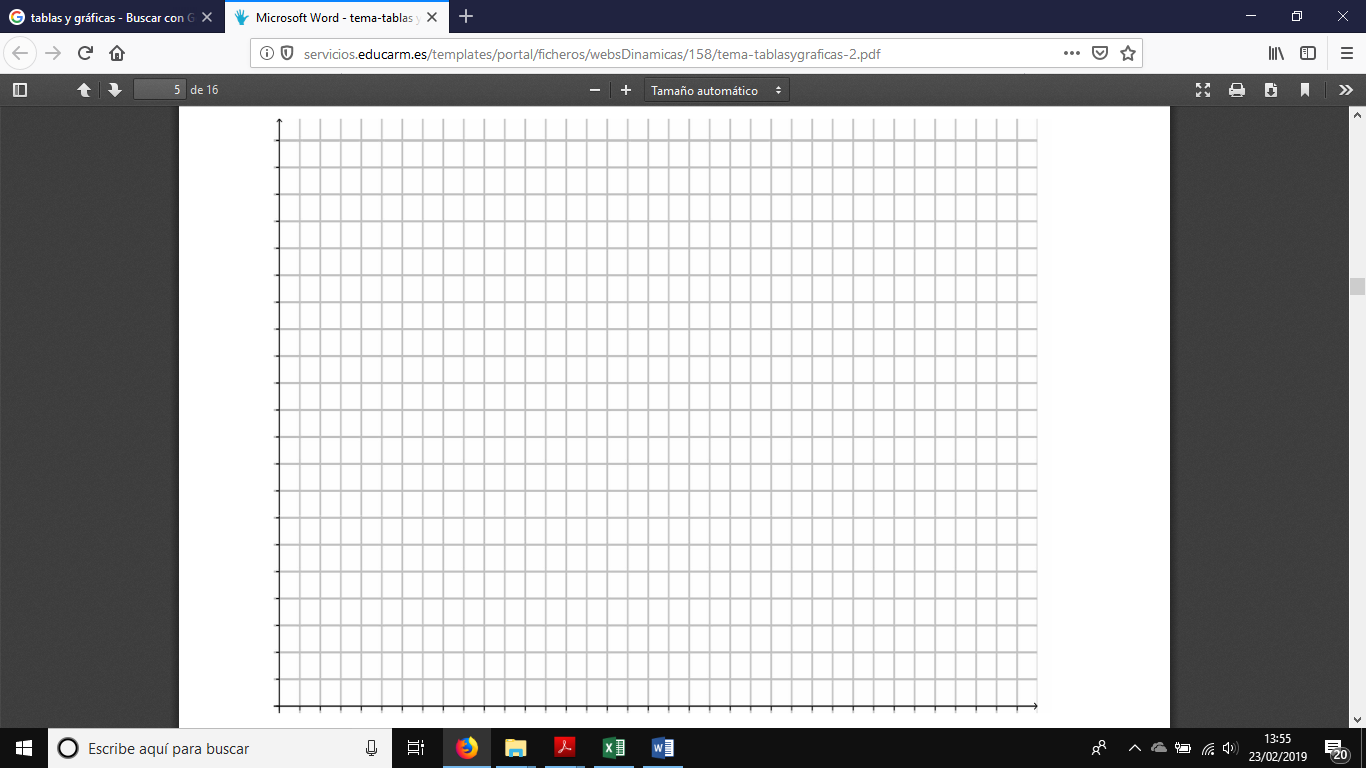
Busca en youtube: “Coordenadas cartesianas. Mate, 5º Primaria. Tema 4”

O teclea el siguiente enlace: <https://www.youtube.com/watch?v=0ao8wQEaLxw>



1. Un jardinero está plantando tulipanes en un jardín. La siguiente tabla refleja el tiempo que tarda en plantarlas: Representa en una gráfica la información recogida por la tabla.

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| Tiempo (minutos) | 0 | 5 | 10 | 15 | 20 | 25 | 30 |
| Nº de tulipanes | 0 | 1 | 3 | 5 | 6 | 7 | 8 |



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| 1. El consumo de agua en un colegio viene dado por esta gráfica: 2. ¿Durante qué horas el consumo de agua es nulo? ¿Por qué? 3. ¿A qué hora se consume más agua? |  |
| 1. Escribe la definición de función: 2. Según esa definición redondea cuál de las siguientes gráficas se corresponden a una función. | |

6. Llamamos variable independiente a la variable que tiene la letra \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Llamamos variable dependiente a la variable que tiene la letra \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Una función de proporcionalidad directa pasa siempre por el punto \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. En un mercado 2kg de peras cuestan 1,50€. ¿Cuánto costarán 4,6,8 y 10 kg de peras respectivamente?

a) Forma una tabla de valores con las magnitudes correspondientes.

b) Indica la variable dependiente e independiente

c) Representa los valores en los ejes de coordenadas y traza su gráfica

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| 8. Tenemos la siguiente función de proporcionalidad directa:   1. ¿Cuál es la pendiente? 2. ¿Es una función creciente o decreciente? 3. Completa la tabla y representa los valores hallados en la gráfica |  |  |