


INSTITUCION EDUCATIVA DIVERSIFICADO DE CHIA

ACTIVIDAD DE ALGEBRA 1

PLANO CARTESIANO

GRADO OCTAVO

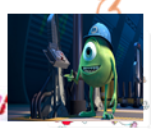
PROFESORA: INGRID CARDOZO

NOMBRE: _____ **CURSO:** _____

SIGUE PASO A PASO LAS INSTRUCCIONES EN LA HOJA MILIMETRADA PARA DESCUBRIR LA FIGURA TENIENDO EN CUENTA LAS COORDENADAS.

INSTRUCCIONES:

1. Coge la hoja de forma horizontal.
2. En el eje X cada 5mm representa una doceava parte y cada centímetro representa una sexta parte.
3. En el eje Y cada 5mm representa una octava parte y cada centímetro representa una cuarta parte.
4. Coloca los números midiendo en la regla de a un centímetro, tanto en la línea vertical como en la horizontal.
5. Recuerda que para hallar las coordenadas va primero el número del eje x y luego el del eje y.
6. Las coordenadas van unidas por segmentos en partes hasta encontrar el símbolo // que significa que son separados del punto anterior.
7. Cada parte va del color indicado.
8. Cada sección forma una parte de la figura, es decir todas juntas forman una figura completa.

$\left(\frac{8}{6},-\frac{17}{8}\right);\left(\frac{8}{6},-\frac{15}{8}\right);\ \left(\frac{7}{6},-\frac{7}{4}\right);\left(\frac{9}{12};-\frac{7}{4}\right);\left(\frac{7}{12};-\frac{15}{8}\right);\left(\frac{7}{12},-\frac{3}{4}\right);\left(\frac{7}{12},-\frac{3}{8}\right)$

$\left(\frac{10}{6};\frac{3}{8}\right);\left(1;\frac{3}{4}\right);\ \left(1;\frac{5}{4}\right);\left(\frac{8}{12};\frac{15}{8}\right);\left(\frac{1}{2};2\right);\left(-\frac{1}{2};2\right);\left(-\frac{8}{12},\frac{15}{8}\right);\left(-1,\frac{3}{4}\right);\left(-\frac{19}{12},\frac{1}{2}\right)$

$\left(-1;-\frac{3}{8}\right);\left(-\frac{7}{12};-\frac{3}{4}\right);\ \left(-\frac{7}{12};-\frac{15}{8}\right);\left(-\frac{9}{12};-\frac{7}{4}\right);\left(-\frac{7}{6};-\frac{7}{4}\right);\left(\frac{2}{3};-\frac{11}{12}\right);\left(-\frac{8}{6};-\frac{15}{8}\right)$

$\left(-\frac{8}{6};-\frac{17}{8}\right);\left(-\frac{3}{12};-\frac{17}{8}\right);\ \left(-\frac{3}{12};-1\right);\left(\frac{3}{12};-1\right);\left(\frac{3}{12};-\frac{17}{8}\right);\left(\frac{8}{6};-\frac{17}{8}\right)$ //

$\left(\frac{13}{12},-\frac{3}{8}\right);\left(\frac{11}{12},-\frac{3}{8}\right);\ \left(\frac{10}{12},-\frac{1}{4}\right);\left(\frac{10}{12};-\frac{1}{8}\right);\left(\frac{11}{12};\frac{1}{4}\right);\left(\frac{13}{12},\frac{1}{4}\right);\left(\frac{7}{6},-\frac{1}{8}\right);\ \left(\frac{15}{12},\frac{1}{8}\right);\ \left(\frac{17}{12},\frac{3}{8}\right)$

$\left(1,\frac{1}{2}\right);\left(1,\frac{1}{4}\right)$ // $\left(-1,-\frac{3}{8}\right);\left(-\frac{10}{12};-\frac{3}{8}\right);\left(-\frac{9}{12};-\frac{1}{4}\right);\left(-\frac{9}{12},\frac{1}{8}\right);\left(-\frac{10}{12},\frac{1}{4}\right);\ \left(-1,\frac{1}{4}\right)$

$\left(-\frac{13}{12},\frac{1}{8}\right);\left(-\frac{7}{6},\frac{1}{8}\right);\ \left(-\frac{8}{6},-\frac{3}{8}\right);\left(-1;\frac{1}{2}\right);\left(-1;\frac{1}{4}\right);\left(\frac{13}{12},\frac{1}{4}\right);\left(\frac{7}{6},-\frac{1}{8}\right);\ \left(\frac{15}{12},\frac{1}{8}\right);\ \left(\frac{17}{12},\frac{3}{8}\right)$ //

$\left(-\frac{7}{12};\frac{9}{8}\right);\left(-\frac{4}{12};\frac{11}{8}\right);\left(\frac{4}{12},\frac{11}{8}\right);\left(\frac{7}{12},\frac{9}{8}\right);\ \left(-\frac{7}{12},\frac{9}{8}\right)$ // $\left(-\frac{7}{12};-\frac{1}{8}\right);\ \left(-\frac{3}{12};-\frac{3}{8}\right);$

$\left(\frac{3}{12};-\frac{3}{8}\right);\ \left(\frac{7}{12};-\frac{1}{8}\right);\left(\frac{5}{12};-\frac{1}{4}\right);\left(-\frac{5}{12};-\frac{1}{4}\right)$ // $\left(-\frac{8}{12};-\frac{1}{4}\right);\ \left(-\frac{6}{12};0\right)$ //

$\left(\frac{8}{12};-\frac{1}{4}\right);\ \left(\frac{6}{12};0\right).$

verde claro

gris

$\left(\frac{10}{12},\frac{11}{8}\right);\left(\frac{13}{12},\frac{13}{8}\right);\ \left(\frac{13}{12},\frac{15}{8}\right);\ (1;2);\left(\frac{11}{12};\frac{15}{8}\right);\left(\frac{10}{12},\frac{13}{8}\right)$ //

$\left(-\frac{11}{12},-\frac{6}{4}\right);\left(-\frac{13}{12},\frac{13}{8}\right);\ \left(\frac{13}{12},\frac{15}{8}\right);\ (-1,2);\ \left(-\frac{10}{12},\frac{13}{8}\right)$ //

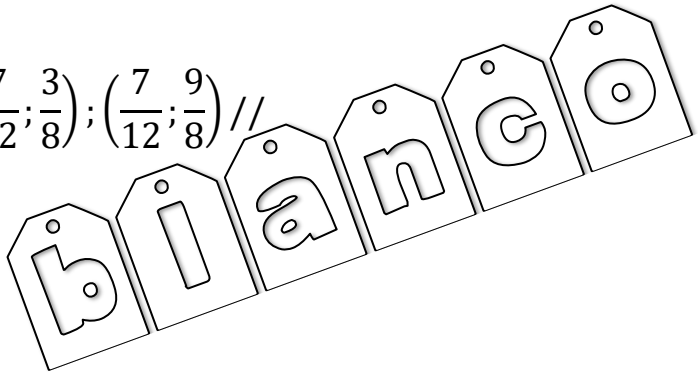
$\left(-\frac{1}{12};1\right);\left(-\frac{2}{12};\frac{7}{8}\right);\left(-\frac{2}{12};\frac{5}{8}\right);\left(-\frac{1}{12};\frac{1}{2}\right);\left(\frac{1}{12};\frac{1}{2}\right);\left(\frac{2}{12};\frac{5}{8}\right);\left(\frac{2}{12};\frac{7}{8}\right);$

azul

$\left(\frac{1}{12};1\right);\left(-\frac{1}{12};1\right).$

$\left(-\frac{7}{12};\frac{9}{8}\right);\left(-\frac{7}{12};\frac{3}{8}\right);\left(-\frac{4}{12};\frac{1}{8}\right);\left(\frac{4}{12};\frac{1}{8}\right);\left(\frac{7}{12};\frac{3}{8}\right);\left(\frac{7}{12};\frac{9}{8}\right)$ //

$\left(\frac{2}{12};0{,}7\right);(0{,}14;0{,}7);(0{,}14;0{,}78)\left(\frac{2}{12};0{,}77\right);$



c

$\left(\frac{8}{6};-\frac{15}{8}\right);\left(\frac{15}{16};-2\right);\left(\frac{15}{16};-\frac{17}{8}\right)$ // $\left(\frac{15}{16};-2\right);\left(\frac{7}{6};-\frac{15}{8}\right);\left(\frac{13}{12};-\frac{15}{8}\right);(1;-2);$

a

$\left(1;-\frac{17}{8}\right)$ // $(1;-2);\ \left(\frac{11}{12};-\frac{15}{8}\right);\left(\frac{10}{12};-\frac{15}{8}\right);\left(\frac{9}{12};-2\right);\left(\frac{9}{12};-\frac{17}{8}\right)$ //

f

$\left(-\frac{9}{12};-\frac{17}{8}\right),\left(-\frac{9}{12};-2\right);\left(-\frac{10}{12};-\frac{15}{8}\right);\ \left(-\frac{11}{12};-\frac{15}{8}\right);\ (-1;-2)$ //

$\left(-1;-\frac{17}{8}\right);\ (-1;-2);\ \left(-\frac{13}{12};-\frac{15}{8}\right);\left(-\frac{7}{6};-\frac{15}{8}\right);\ \left(-\frac{15}{12};-2\right)$ //

e

$\left(-\frac{15}{12};-\frac{17}{8}\right);\left(-\frac{15}{12};-2\right);\left(-\frac{8}{6};-\frac{15}{8}\right).$

$\left(\frac{2}{12};\frac{7}{8}\right);\left(\frac{1}{12};\frac{7}{8}\right);\ (0{,}06;0{,}86);\ (0{,}06;0{,}75)\left(\frac{1}{12};\frac{3}{4}\right);\left(\frac{2}{12};\frac{3}{4}\right)$

negro