nota

NOMBRE: _____   **CURSO:** _____

DESCUBRIENDO EL ARTISTA

Para descubrir el personaje debes tener en cuenta lo siguiente:

♫ Debes usar una hoja milimetrada tamaño carta.

EL EJE X

♫ trázalo en el centímetro 14 que se tiene horizontalmente.

♫ Cada 3 centímetros colocas un número entero, hasta llegar al 3 o -3.

♫ En cada centímetro escribe un tercio, dos tercios, uno, cuatro tercios, cinco tercios...

♫ Cada cinco milímetros, coloca un sexto, tres sextos, cinco sextos, siete sextos, nueve sextos, once sextos, trece sextos...

EL EJE Y

♫ Trázalo en el centímetro 8 que se tiene verticalmente.

♫ Cada 4 centímetros colocas un número entero, hasta llegar al 3 o -3.

♫ En cada centímetro escribe un cuarto, dos cuartos, tres cuartos, uno, cinco cuartos ...

♫ Cada cinco milímetros escribe, un octavo, tres octavos, cinco octavos, siete octavos, nueve octavos, once octavos, trece octavos...

♫ Para ubicar las coordenadas debes recordar que primero va el número del eje x y luego el del eje y.

♫ Se van uniendo el punto anterior con el nuevo, pero si encuentras este segmento _____ significa que no debes unir con el punto anterior.

♫ Después de trazar las partes coloréalas por dentro del color que corresponda.

♫ El último punto de cada color no puede ser unido con el primero del siguiente color.

Con las anteriores recomendaciones empieza a ubicar las siguientes coordenadas.

COLOR	COORDENADAS
BLANCO	$\left(-\frac{1}{6},\frac{15}{8}\right)$; $\left(-\frac{1}{3},2\right)$; $\left(-\frac{1}{3},\frac{19}{8}\right)$; $\left(\frac{1}{6},\frac{17}{8}\right)$; $\left(\frac{1}{6},\frac{19}{8}\right)$; $\left(-\frac{1}{3},\frac{11}{4}\right)$; $\left(-\frac{2}{3},\frac{11}{4}\right)$; $\left(-\frac{2}{3},\frac{15}{8}\right)$; $\left(-\frac{1}{6},\frac{15}{8}\right)$; _____; $\left(0,\frac{11}{4}\right)$; $\left(\frac{3}{6},\frac{11}{4}\right)$; $\left(\frac{3}{6},2\right)$; $\left(\frac{1}{6},\frac{7}{4}\right)$; $\left(-\frac{1}{6},2\right)$; $\left(-\frac{1}{6},\frac{9}{4}\right)$; $\left(\frac{1}{6},2\right)$; $\left(\frac{1}{6},\frac{21}{8}\right)$; $\left(0,\frac{11}{4}\right)$; _____; $\left(-\frac{7}{6},\frac{5}{8}\right)$; $\left(-1,\frac{7}{8}\right)$; $\left(-\frac{3}{6},\frac{7}{8}\right)$; $\left(-\frac{1}{3},\frac{5}{8}\right)$; $\left(-\frac{7}{6},\frac{5}{8}\right)$; _____; $\left(\frac{3}{6},\frac{5}{8}\right)$; $\left(\frac{2}{3},\frac{7}{8}\right)$; $\left(\frac{7}{6},\frac{7}{8}\right)$; $\left(\frac{4}{3},\frac{5}{8}\right)$; $\left(\frac{3}{6},\frac{5}{8}\right)$.
PLATA	$\left(-\frac{5}{3},\frac{1}{4}\right)$; $\left(-\frac{5}{3},\frac{3}{8}\right)$; $\left(-\frac{11}{6},\frac{3}{8}\right)$; $\left(-\frac{11}{6},\frac{1}{4}\right)$; $\left(-\frac{5}{3},\frac{1}{4}\right)$; _____; $\left(\frac{5}{3},\frac{1}{4}\right)$; $\left(\frac{5}{3},\frac{3}{8}\right)$; $\left(\frac{11}{6},\frac{3}{8}\right)$; $\left(\frac{11}{6},\frac{1}{4}\right)$; $\left(\frac{5}{3},\frac{1}{4}\right)$; _____; $\left(-\frac{2}{3},-\frac{13}{8}\right)$; $\left(-\frac{3}{6},-\frac{13}{8}\right)$; $\left(-\frac{1}{3},-\frac{15}{8}\right)$; $\left(-\frac{1}{6},-2\right)$; $\left(\frac{1}{6},-2\right)$; $\left(\frac{1}{3},-\frac{15}{8}\right)$; $\left(\frac{3}{6},-\frac{13}{8}\right)$; $\left(\frac{2}{3},-\frac{13}{8}\right)$; $\left(\frac{3}{6},-\frac{15}{8}\right)$; $\left(\frac{1}{6},-\frac{17}{8}\right)$; $\left(-\frac{1}{6},-\frac{17}{8}\right)$; $\left(-\frac{3}{6},-\frac{15}{8}\right)$; $\left(-\frac{2}{3},-\frac{13}{8}\right)$.
ROSA	$\left(-\frac{1}{3},-\frac{3}{4}\right)$; $\left(-\frac{1}{6},-\frac{5}{8}\right)$; $\left(\frac{1}{6},-\frac{5}{8}\right)$; $\left(\frac{1}{3},-\frac{3}{4}\right)$; $\left(-\frac{1}{3},-\frac{3}{4}\right)$; $\left(-\frac{1}{6},-\frac{7}{8}\right)$; $\left(\frac{1}{6},-\frac{7}{8}\right)$; $\left(\frac{1}{3},-\frac{3}{4}\right)$.

CAFE

$$\left(-1, \frac{3}{4}\right); \left(-\frac{5}{6}, \frac{7}{8}\right); \left(-\frac{2}{3}, \frac{7}{8}\right); \left(-\frac{3}{6}, \frac{3}{4}\right); \left(-\frac{2}{3}, \frac{5}{8}\right); \left(-\frac{5}{6}, \frac{5}{8}\right);$$

$$\left(-1, \frac{3}{4}\right); \underline{\quad}; \left(\frac{2}{3}, \frac{3}{4}\right); \left(\frac{5}{6}, \frac{7}{8}\right); \left(1, \frac{7}{8}\right); \left(\frac{7}{6}, \frac{3}{4}\right); \left(1, \frac{5}{8}\right);$$

$$\left(\frac{5}{6}, \frac{5}{8}\right); \left(\frac{2}{3}, \frac{3}{4}\right).$$

NEGRO

$$\left(\frac{4}{3}, -\frac{13}{4}\right); \left(\frac{7}{6}, -\frac{19}{8}\right); \left(\frac{9}{6}, -\frac{19}{8}\right); \left(\frac{7}{6}, -\frac{7}{4}\right); \left(1, -\frac{13}{8}\right); \left(\frac{3}{6}, -\frac{13}{8}\right);$$

$$\left(\frac{1}{6}, -\frac{7}{4}\right); \left(-\frac{1}{6}, -\frac{7}{4}\right); \left(-\frac{3}{6}, -\frac{13}{8}\right); \left(-1, -\frac{13}{8}\right); \left(-\frac{7}{6}, -\frac{7}{4}\right);$$

$$\left(-\frac{9}{6}, -\frac{19}{8}\right); \left(-\frac{7}{6}, -\frac{19}{8}\right); \left(-\frac{4}{3}, -\frac{13}{4}\right); \underline{\quad};$$

$$\left(0, -\frac{1}{4}\right); \left(0, -\frac{1}{8}\right); \left(-\frac{1}{6}, -\frac{1}{8}\right); \left(-\frac{1}{6}, -\frac{1}{4}\right); \underline{\quad}; \left(\frac{1}{6}, -\frac{1}{4}\right); \left(\frac{1}{6}, -\frac{1}{8}\right);$$

$$\left(\frac{1}{3}, -\frac{1}{8}\right); \left(\frac{1}{3}, -\frac{1}{4}\right); \underline{\quad}; \left(\frac{1}{6}, \frac{7}{8}\right); \left(\frac{1}{6}, \frac{9}{8}\right); \left(\frac{7}{6}, \frac{9}{8}\right); \left(\frac{4}{3}, 1\right); \left(\frac{1}{3}, 1\right); \left(\frac{1}{6}, \frac{7}{8}\right);$$

$$\underline{\quad}; \left(-\frac{1}{6}, 1\right); \left(-\frac{1}{3}, \frac{9}{8}\right); \left(-\frac{7}{6}, \frac{9}{8}\right); \left(-\frac{4}{3}, 1\right); \left(-\frac{1}{6}, 1\right); \underline{\quad};$$

$$\left(\frac{5}{3}, \frac{7}{8}\right); \left(\frac{11}{6}, \frac{11}{8}\right); \left(2, \frac{11}{8}\right); \left(2, \frac{6}{4}\right); \left(\frac{5}{3}, \frac{6}{4}\right); \left(\frac{9}{6}, \frac{13}{8}\right); \left(-\frac{9}{6}, \frac{13}{8}\right);$$

$$\left(-\frac{5}{3}, \frac{6}{4}\right); \left(-\frac{11}{6}, \frac{6}{4}\right); \left(-\frac{11}{6}, \frac{5}{4}\right); \left(-\frac{8}{3}, \frac{5}{4}\right); \left(-\frac{8}{3}, \frac{9}{8}\right); \left(-\frac{15}{6}, \frac{7}{8}\right); \left(-\frac{13}{6}, \frac{7}{8}\right);$$

$$(-2, 1); \left(-\frac{11}{6}, 1\right); \left(-\frac{5}{3}, \frac{7}{8}\right); \underline{\quad}; \left(\frac{5}{3}, \frac{6}{4}\right); \left(\frac{5}{3}, \frac{11}{4}\right); \left(\frac{4}{3}, 3\right); \left(-\frac{4}{3}, 3\right);$$

$$\left(-\frac{5}{3}, \frac{11}{4}\right); \left(-\frac{5}{3}, \frac{6}{4}\right); \underline{\quad}; \left(\frac{1}{6}, 3\right); \left(\frac{1}{6}, \frac{25}{8}\right); \left(-\frac{1}{6}, \frac{25}{8}\right); \left(-\frac{1}{6}, 3\right).$$

PIXEL

$\left(\frac{9}{6}, -\frac{13}{4}\right)$; $\left(\frac{4}{3}, -\frac{19}{8}\right)$; ___; $\left(\frac{1}{6}, -\frac{7}{4}\right)$; $\left(\frac{1}{6}, -\frac{6}{4}\right)$; ___;

$\left(-\frac{1}{6}, -\frac{7}{4}\right)$; $\left(-\frac{1}{6}, -\frac{6}{4}\right)$; ___; $\left(-\frac{9}{6}, -\frac{13}{4}\right)$; $\left(-\frac{4}{3}, -\frac{19}{8}\right)$; ___;

$\left(\frac{1}{3}, -\frac{5}{4}\right)$; $\left(\frac{2}{3}, -1\right)$; $\left(\frac{2}{3}, -\frac{5}{8}\right)$; $\left(\frac{1}{3}, -\frac{2}{4}\right)$; $\left(-\frac{1}{3}, -\frac{2}{4}\right)$; $\left(-\frac{2}{3}, -\frac{5}{8}\right)$;

$\left(-\frac{2}{3}, -1\right)$; $\left(-\frac{1}{3}, -\frac{5}{4}\right)$; $\left(\frac{1}{3}, -\frac{5}{4}\right)$ ___; $\left(\frac{11}{6}, \frac{1}{4}\right)$; $\left(2, \frac{2}{4}\right)$; $(2, 1)$;

$\left(\frac{11}{6}, 1\right)$; $\left(\frac{5}{3}, \frac{7}{8}\right)$; ___; $\left(\frac{5}{3}, \frac{3}{4}\right)$; $(2, 1)$; ___; $\left(\frac{11}{6}, \frac{5}{8}\right)$; $\left(\frac{11}{6}, \frac{2}{4}\right)$;

$\left(-\frac{11}{6}, \frac{1}{4}\right)$; $\left(-2, \frac{2}{4}\right)$; $(-2, 1)$; $\left(-\frac{5}{3}, \frac{3}{4}\right)$; ___; $\left(-\frac{11}{6}, \frac{5}{8}\right)$; $\left(-\frac{11}{6}, \frac{2}{4}\right)$;

___; $\left(\frac{5}{3}, \frac{1}{4}\right)$; $\left(\frac{5}{3}, \frac{11}{8}\right)$; $\left(-\frac{5}{3}, \frac{11}{8}\right)$; $\left(-\frac{5}{3}, \frac{1}{4}\right)$; ___;

$\left(-\frac{3}{6}, \frac{1}{4}\right)$; $\left(-\frac{1}{3}, \frac{2}{4}\right)$; ___; $\left(-\frac{1}{6}, \frac{1}{8}\right)$; $\left(-\frac{1}{3}, 0\right)$; $\left(-\frac{1}{3}, -\frac{1}{4}\right)$; ___;

$\left(\frac{1}{6}, \frac{7}{8}\right)$; $\left(\frac{1}{6}, \frac{1}{8}\right)$; $\left(\frac{1}{3}, 0\right)$; $\left(\frac{1}{3}, -\frac{1}{4}\right)$; ___; $\left(\frac{2}{3}, \frac{1}{4}\right)$; $\left(\frac{1}{3}, \frac{2}{4}\right)$.

GRIS

$\left(\frac{5}{3}, \frac{1}{4}\right)$; $\left(\frac{2}{3}, -\frac{3}{8}\right)$; $\left(\frac{1}{3}, -\frac{1}{4}\right)$; $\left(-\frac{1}{3}, -\frac{1}{4}\right)$; $\left(-\frac{2}{3}, -\frac{3}{8}\right)$;

$\left(-\frac{5}{3}, -\frac{1}{4}\right)$; $\left(-\frac{5}{3}, -\frac{2}{4}\right)$; $\left(-\frac{1}{3}, -\frac{6}{4}\right)$; $\left(-\frac{3}{6}, -\frac{6}{4}\right)$; $\left(\frac{3}{6}, -\frac{6}{4}\right)$;

$\left(\frac{5}{3}, -\frac{2}{4}\right)$; $\left(\frac{5}{3}, \frac{1}{4}\right)$.