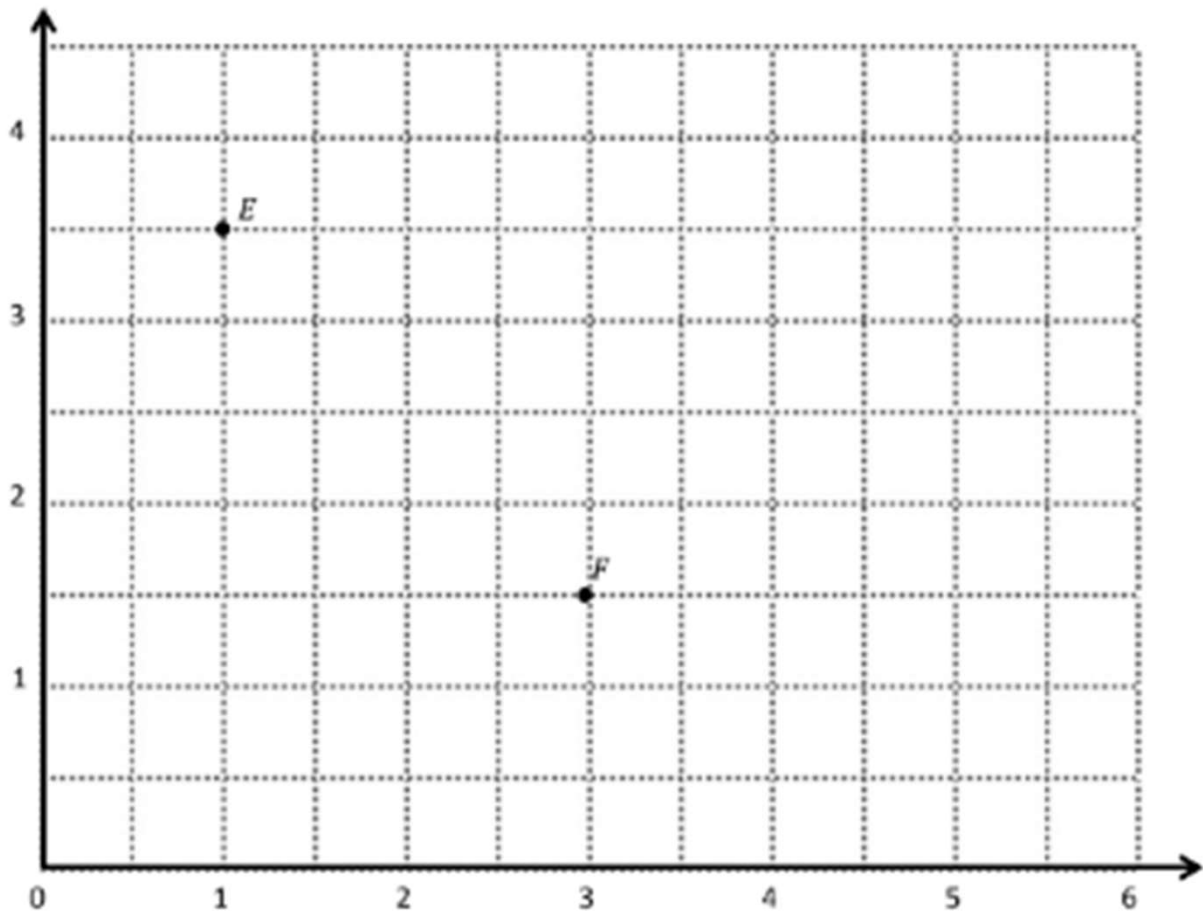


Coordinate Geometry Worksheets

Use the coordinate plane below to complete the following tasks.



a. Identify the locations of E and F . E : (____, ____) F : (____, ____)

b. Draw \overline{EF} .

c. Generate coordinate pairs for L and M , such that $\overline{EF} \parallel \overline{LM}$.

L : (____, ____) M : (____, ____)

d. Draw \overline{LM} .

e. Explain the pattern you made use of when generating coordinate pairs for L and M .

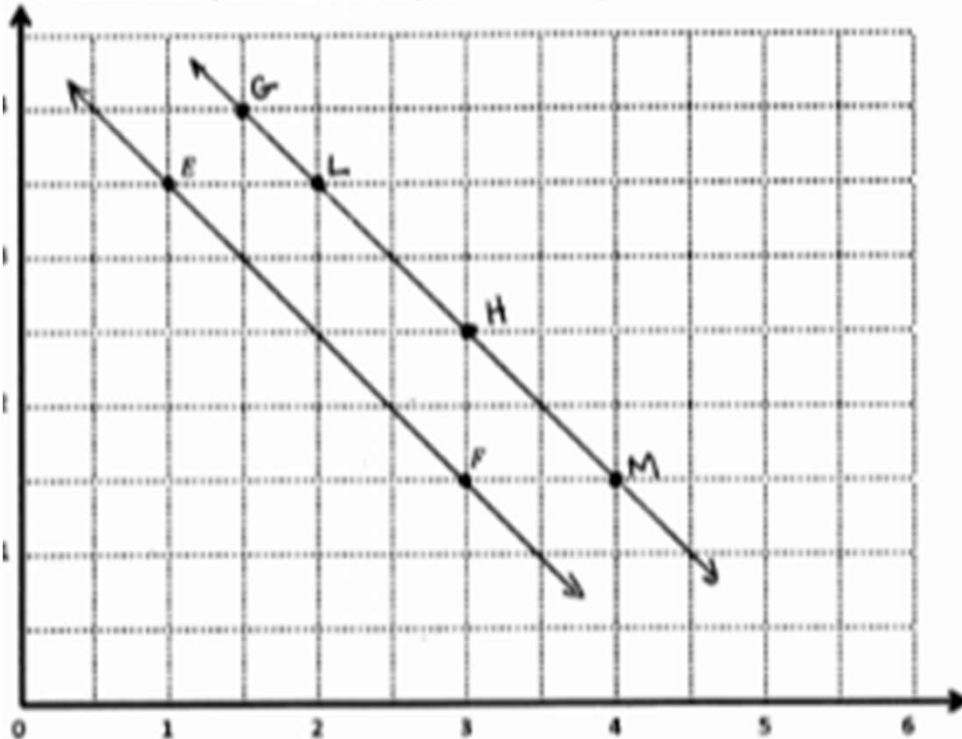
f. Give the coordinates of a point, H , such that $\overline{EF} \parallel \overline{GH}$.

G : $(1\frac{1}{2}, 4)$ H : (____, ____)

g. Explain how you chose the coordinates for H .

Coordinate Geometry Worksheets

Use the coordinate plane below to complete the following tasks.



a. Identify the locations of E and F . $E: (1, 3.5)$ $F: (3, 1.5)$

b. Draw \overleftrightarrow{EF} .

c. Generate coordinate pairs for L and M , such that $\overleftrightarrow{EF} \parallel \overleftrightarrow{LM}$.

$L: (2, 3.5)$ $M: (4, 1.5)$

d. Draw \overleftrightarrow{LM} .

e. Explain the pattern you made use of when generating coordinate pairs for L and M . *I just moved my x's over 2 units and kept my y's the same*

f. Give the coordinates of a point, H , such that $\overleftrightarrow{EF} \parallel \overleftrightarrow{GH}$.

$G: (1\frac{1}{2}, 4)$ $H: (3, 2.5)$

g. Explain how you chose the coordinates for H . *I plotted G first + then found another point on \overleftrightarrow{EF} . I moved over on the x 2 units to find H .*