Coordinate Geometry Worksheets

Construct line f such that the y-coordinate of every point is $3\frac{1}{2}$, and construct line g such that the x-coordinate of every point is $4\frac{1}{2}$.

a. Line f is _____ units from the x-axis.

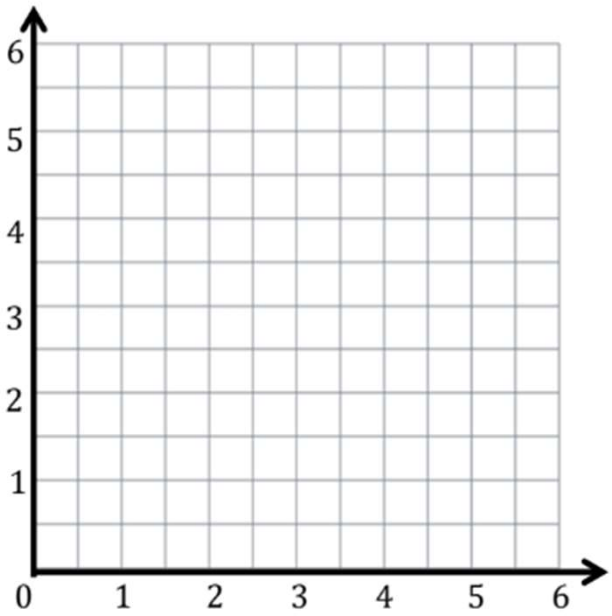
b. Give the coordinates of the point on line f that is $\frac{1}{2}$ unit from the y-axis. _____

c. With a blue pencil, shade the portion of the grid that is less than $3\frac{1}{2}$ units from the x-axis.

d. Line g is _____ units from the y-axis.

e. Give the coordinates of the point on line g that is 5 units from the x-axis. _____

f. With a red pencil, shade the portion of the grid that is more than $4\frac{1}{2}$ units from the y-axis.



Coordinate Geometry Worksheets

2. Construct line f such that the y-coordinate of every point is $3\frac{1}{2}$ and construct line g such that the x-coordinate of every point is $4\frac{1}{2}$.

a. Line f is $3\frac{1}{2}$ units from the x-axis.

b. Give the coordinates of the point on line f that is $\frac{1}{2}$ unit from the y-axis. $(\frac{1}{2}, 3\frac{1}{2})$

c. With a blue pencil, shade the portion of the grid that is less than $3\frac{1}{2}$ units from the x-axis.

d. Line g is $4\frac{1}{2}$ units from the y-axis.

e. Give the coordinates of the point on line g that is 5 units from the x-axis. $(4\frac{1}{2}, 5)$

f. With a red pencil, shade the portion of the grid that is more than $4\frac{1}{2}$ units from the y-axis.