Lesson 6 Exit Ticket

Name	 Date

- 1. Plot the point $H(2\frac{1}{2}, 1\frac{1}{2})$.
- 2. Line ℓ passes through point *H* and is parallel to the *y*-axis. Construct line ℓ .
- 3. Construct line *m* such that the *y*-coordinate of every point is $\frac{3}{4}$.
- 4. Line *m* is _____ units from the *x*-axis.
- 5. Give the coordinates of the point on line m that is $\frac{1}{2}$ unit from the y-axis.
- 6. With a blue pencil, shade the portion of the plane that is less than $\frac{3}{4}$ unit from the x-axis.
- 7. With a red pencil, shade the portion of the plane that is less than $2\frac{1}{2}$ units from the y-axis.
- 8. Plot a point that lies in the double-shaded region. Give the coordinates of the point.





Nar	me Date
1.	Plot the point <i>H</i> ($2\frac{1}{2}$, $1\frac{1}{2}$).
2.	Line ℓ passes through point H and is parallel to the y-axis. Construct line ℓ .
3.	Construct line m such that the y-coordinate of every point is $\frac{3}{4}$.
4.	Line <i>m</i> is units from the <i>x</i> -axis.
5.	Give the coordinates of the point on line m that is $\frac{1}{2}$ unit from the y-axis.
6.	With a blue pencil, shade the portion of the plane that is less than $\frac{3}{4}$ unit from the x-axis.
7.	With a red pencil, shade the portion of the plane that is less than $2\frac{1}{2}$ units from the y-axis.

8. Plot a point that lies in the double-shaded region. Give the coordinates of the point.





Investigate patterns in vertical and horizontal lines, and interpret points on the plane as distances from the axes.