

- b. Give the coordinates of the point on line m that is 2 units from the *y*-axis.
- c. With a blue pencil, shade the portion of the grid that is less than $1\frac{1}{2}$ units from the *x*-axis.
- d. Line **n** is $5\frac{1}{2}$ units from the y-axis.
- e. Give the coordinates of the point on line **n** that is $3\frac{1}{2}$ units from the *x*-axis. $(5\frac{1}{2}, 3\frac{1}{2})$
- f. With a red pencil, shade the portion of the grid that is less than $5\frac{1}{2}$ units from the *y*-axis.



- 3. Construct and label lines *e*, *r*, *s*, *o* on the plane below.
 - a. Line *e* is 3.75 units above the *x*-axis.
 - b. Line *r* is 2.5 units from the *y*-axis.
 - c. Line *s* is parallel to line *e* but 0.75 farther from the *x*-axis.
 - d. Line **o** is perpendicular to lines **s** and **e** and passes through the point $(3\frac{1}{4}, 3\frac{1}{4})$.
- 4. Complete the following tasks on the plane.
 - a. Using a blue pencil, shade the region that contains points that are more than $2\frac{1}{2}$ units and less than $3\frac{1}{4}$ units from the *y*-axis.
 - b. Using a red pencil, shade the region that contains points that are more than $3\frac{3}{4}$ units and less than $4\frac{1}{2}$ units from the *x*-axis.





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

IREK