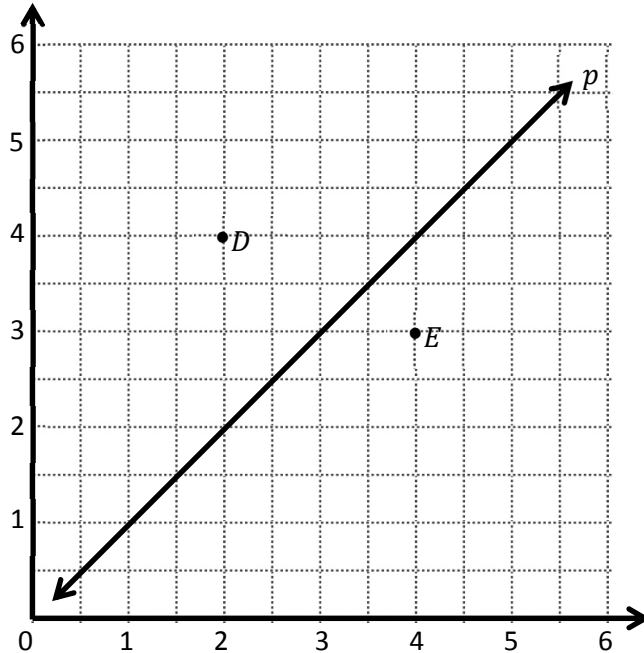


Name _____

Date _____

1. Use the coordinate plane to complete the following tasks.

- a. Line p represents the rule x and y are equal.
- b. Construct a line, d , that is parallel to line p and contains point D .
- c. Name 3 coordinate pairs on line d .
- d. Identify a rule to describe line d .
- e. Construct a line, e , that is parallel to line p and contains point E .
- f. Name 3 points on line e .
- g. Identify a rule to describe line e .
- h. Compare and contrast lines d and e in terms of their relationship to line p .



2. Write a rule for a fourth line that would be parallel to those above and that would contain the point $(5\frac{1}{2}, 2)$. Explain how you know.

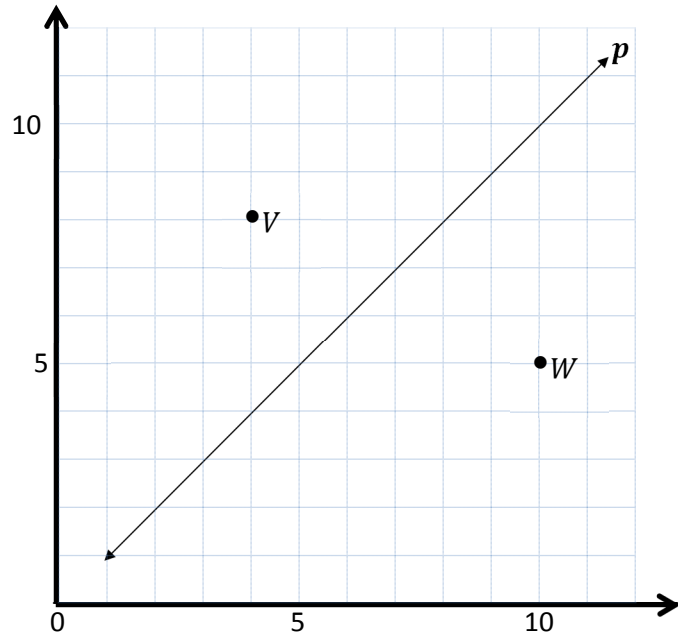
3. Use the coordinate plane below to complete the following tasks.

a. Line p represents the rule x and y are equal.

b. Construct a line, v , that contains the origin and point V .

c. Name 3 points on line v .

d. Identify a rule to describe line v .



e. Construct a line, w , that contains the origin and point W .

f. Name 3 points on line w .

g. Identify a rule to describe line w .

h. Compare and contrast lines v and w in terms of their relationship to line p .

i. What patterns do you see in lines that are generated by multiplication rules?