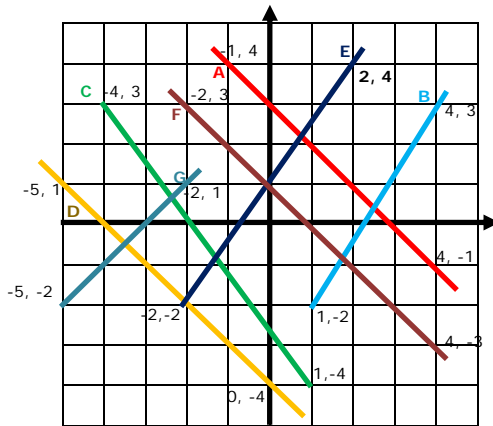


Name \_\_\_\_\_

Date \_\_\_\_\_

**Using Similar Triangles to Find Slope - Matching Worksheet**

Write the letter of the answer that matches the problem.



- Line Points**
- A : (-1, 4) and (4, -1)
  - B : (4, 3) and (1, -2)
  - C : (-4, 3) and (1, -4)
  - D: (-5, 1) and (0, -4)
  - E : (4, -3) and (-2, 3)
  - F : (-2, 3) and (4, -3)
  - G : (-2, 1) and (-5, -2)

- |  |  |   |
|--|--|---|
| <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> | <ol style="list-style-type: none"> <li>1. Find an equation to Line A.</li> <li>2. Find the slope of the line B.</li> <li>3. Write the equation of the line C.</li> <li>4. Write the equation of the line D.</li> <li>5. Find the slope of the line E.</li> <li>6. Find the slope of the line F.</li> <li>7. Write the equation of the line G.</li> </ol> | <ol style="list-style-type: none"> <li>a. <math>3/2</math></li> <li>b. <math>y - x = 3</math></li> <li>c. <math>5/3</math></li> <li>d. <math>x + y = 3</math></li> <li>e. <math>-5/3</math></li> <li>f. <math>y - x = -4</math></li> <li>g. <math>7x + 5y = -13</math></li> </ol> |
|--|--|---|

