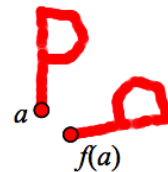


Family Resemblances

Name: _____

Q1 On page 1, how do the labels of the points help you determine which points are independent variables and which are dependent variables?



Q2 How do the labels help you determine which dependent variable is related to each independent variable?

Q3 Describe how each function behaves, based on the shapes. Circle the name of the function that's different.

Write complete sentences. Use a separate sheet if you need more room.

Function	Behavior
<i>f</i>	
<i>g</i>	
<i>h</i>	
<i>j</i>	

Q4 On page 2, which function behaves differently? Describe the behavior of the three similar functions, and tell how the other function behaves differently.

Q5 On page 3, which function is different? Use fixed points to describe how three functions are similar and the fourth is different.

Q6 On page 4, which function is different? Use the relative directions of the traces to describe the similarities and differences.

Q7 Which function is different on page 5? Use the relative speeds of the traces to describe the similarities and differences.

Q8 For pages 6, 7, and 8, identify the function that's different in the Fn column, and describe how it's different.

Page	Fn	Describe the difference
6		
7		
8		

Q9 For pages 9, 10, and 11, drag the pictures. Then identify the function that's different, and describe how it's different.

On p. 9, identify the different function by its letter. On pp. 10–11, name the animal or the shape.

Page	Fn	Describe the difference
9		
10		
11		