Activity 2 Questions MGSE9-12.G.GPE.5

1) For each of the lines in Set 1, Set 2, and Set 3, calculate the slope of line AB and the slope of line EF. Leave the slopes in fraction form.

2) Find the product of the slope of line AB and the slope of line EF in each of Set 1, Set 2, and Set 3. What do you notice about the slopes?

3) Using words, write a rule that describes a property of slopes for perpendicular lines.