

Name: _____ Hour: _____ Date: _____ Number: _____

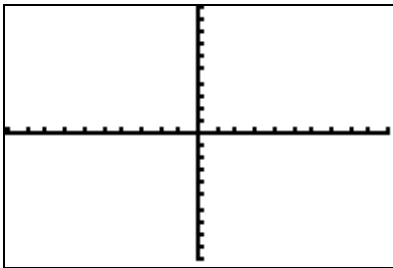
Graphing Additional Practice

For each pair of equations:

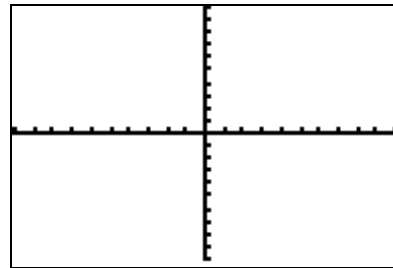
1. Draw a sketch and check using your calculator.
2. Below each sketch **note** any similarities or differences in the pairs of equations.
3. Discuss why the reasons for these similarities or differences.

Note: Set your window to the standard window range by selecting **ZOOM** and then **6:ZStandard**.

1. $y = 5x + 1$

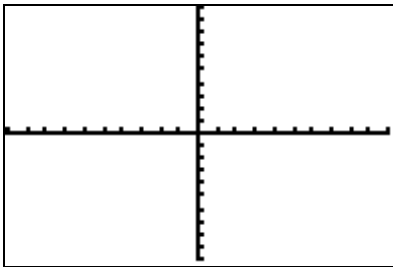


$y = 5x - 1$

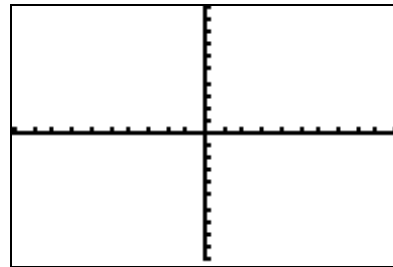


What similarities or differences did you observe? _____

2. $y = x + 2$

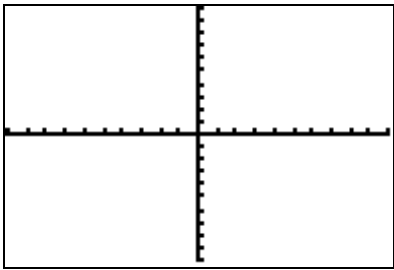


$y = 2x + 2$

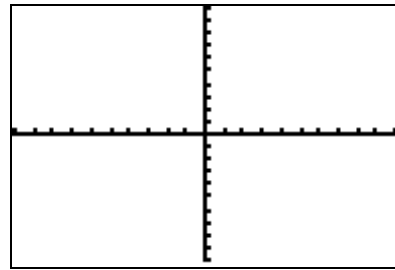


What similarities or differences did you observe? _____

3. $y = 4x + 1$

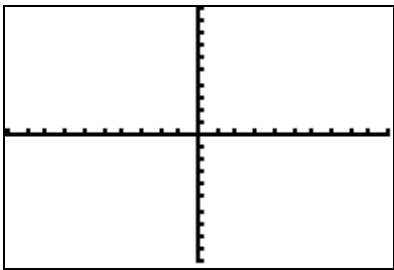


$y = -4x + 1$

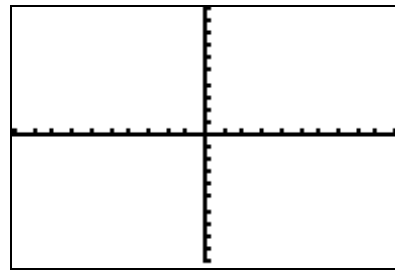


What similarities or differences did you observe? _____

4. $y = 3x + 4$

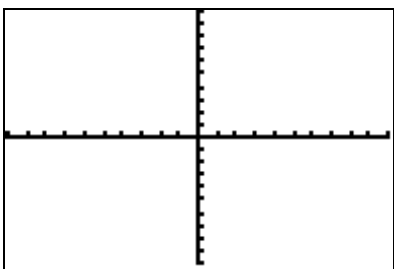


$y = 3x$

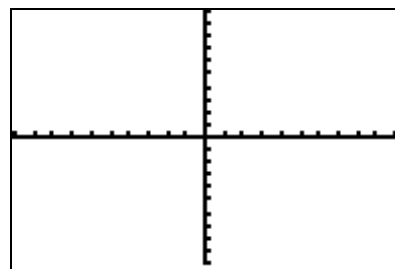


What similarities or differences did you observe? _____

5. $y = 2x - 3$



$y = -2x + 3$



What similarities or differences did you observe? _____

