

HW 21

Transformation & Reflection Wkst

1. $y = -f(x)$

2. $y = f(-x)$

3. down 2, left 1
 $y = f(x+1) - 2$

4. down 4, left 1
 $y = f(x+1) - 4$

5. flip over y-axis, up 1
 $y = f(-x) + 1$

6. flipped over y-axis, down 1, right 1
 $y = f(-[x-1]) - 1$

7. flipped over y-axis, right 2
 $y = f(-[x-2])$

8. $y = m(x+3) + 10$

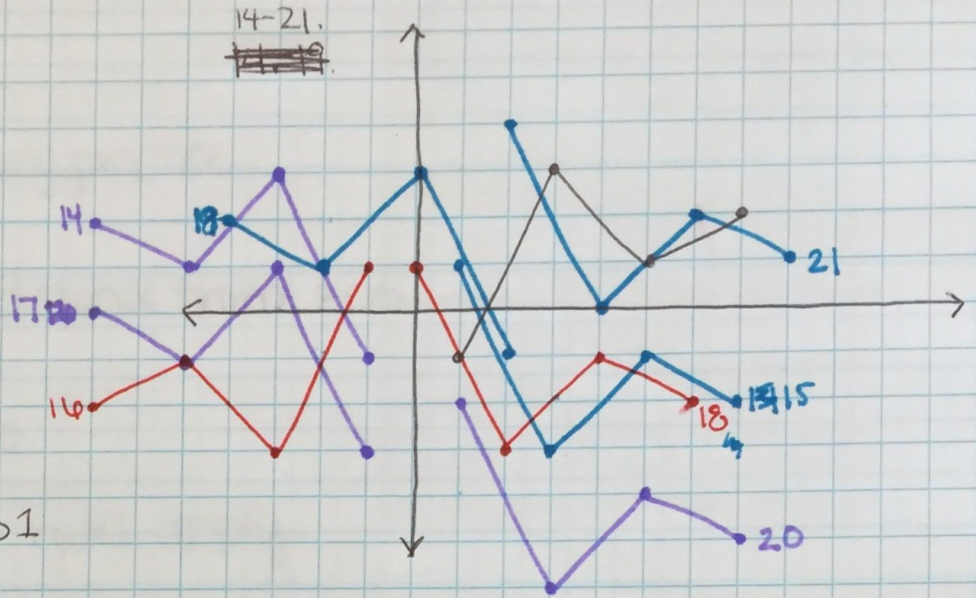
9. $y = -m(-x)$

10. $y = -m(x) + 7$

11. $y = m(-x) - 8$

12. $y = -m(x-5)$

13. $y = m(-[x+2])$



14. $g(-x)$ flip over y-axis

15. $-g(x)$ flip over x-axis

16. $-g(-x)$ flip over x & y axis

17. $-2 + g(-x)$ flip over y-axis, down 2

19. 18. $g(-(x-3))$ flip over y-axis, right 3

~~18.~~ 18. $-g(x+1)$ flip over ^xy-axis, left 1

20. $-3 - g(x)$ flip over x-axis, down 3

21. $3 - g(x-1)$ flip over x-axis, up 3, right 1