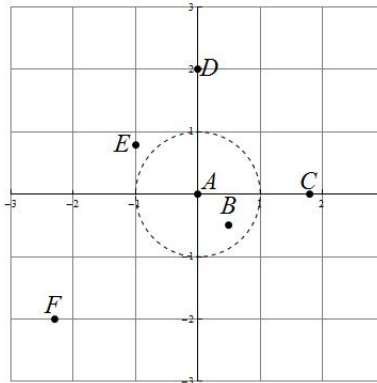


Walking Complex Functions – Handout

My starting point for this activity is _____

Use the blank space to take notes about what happens.



1. $f_1(z) = z$

2. $f_2(z) = z + 1$

3. $f_3(z) = z + i$

4. $f_4(z) = \bar{z}$

5. $f_5(z) = 1.5z$

6. $f_6(z) = \frac{1}{2}z$

7. $f_7(z) = iz$

8. $f_8(z) = \operatorname{Re}(z)$

9. $f_9(z) = \operatorname{Im}(z)$

10. $f_{10}(z) = z^{1/2}$

11. $f_{11}(z) = z^2$

12. $f_{12}(z) = \frac{1}{z}$