**FUNCTIONS**

1. Identify the output set if the input set is x = {4,6,8,10,12}
2. y = x6 + x5 + x2 – 14
3. f(x) = sqrt(12x)
4. f(x) = sin(x+1)
5. Identify the domain for the following functions.
6. y = 7x + 2
7. y = 6x2 + 3
8. y = ½ x2 – 2x + 6
9. What is the range for the following functions?
10. f(x) = sqrt(5x+1)
11. f(x) = tan(x)
12. f(x) = -5

**ANSWERS:**