

Spring 2021, Math 522: Preliminary Problem Set 8
Due: Thursday, March 18th, 2021
Primitive Roots

Preliminary problems. These should be submitted to Gradescope before Thursday discussion.

(P1) Find the additive order of each integer a modulo 15, as well as their multiplicative orders (where applicable). Identify which elements are primitive roots.

a	add. order	mult. order
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		