

'Every Pth Slice' Parallel Pizza-Eating Algorithm

1. Define N: How many slices of pizza?
2. Define P: How many people?
3. Assign each slice of pizza a unique number (0..N-1).
4. Get your own personal, unique id number (0..P-1).
5. For (s = id; s < N; s += P):
 Eat slice s.

N:

16

P:

4

0	1	2	3
4	5	6	7
8	9	10	11
12	13	14	15

id:

0

1

2

3

s (slice #s eaten):

0,4,8,12

1,5,9,13

2,6,10,14

3,7,11,15
