start worklist: [2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20]
primes: [ ]

copy worklist: [2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20]
primes: [2]

delete worklist: [3,5,7,9,11,13,15,17,19]
primes: [2]

copy worklist: [3,5,7,9,11,13,15,17,19]
primes: [2,3]

delete worklist: [5,7,11,13,17,19]
primes: [2,3]