

1) The primes are 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47

2a) prime, not divisible by any primes up to and including 31

2b) equals  $19 * 59$

2c) prime, not divisible by any primes up to and including 31

2d) equals  $7 * 161$

2e) prime, not divisible by any primes up to and including 47

2f) equals  $19 * 127$

2g) divisible by 5, silly

2h) prime, not divisible by any primes up to and including 47

2i) equals  $41 * 59$