



```
30      }
31      if (isPrime) {
32          return n;
33      } else {
34          factors = [];
35          while (n % 2 === 0) {
36              factors.push(2);
37              n /= 2;
38          }
39          for (let i = 3; i <= Math.sqrt(n); i += 2) {
40              while (n % i === 0) {
41                  factors.push(i);
42                  n /= i;
43              }
44          }
45          if (n > 2) {
46              factors.push(n);
47          }
48          n = factors.reduce((a, b) => a + b, 0);
49      }
50  }
51  }
52  }
```

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