

As you discover primes, add them to your Primes Bank.

Primes Bank

Is it prime? Circle the primes.

5    2    9    11    21    17    14    23    1    27    18    7    29

Prime factorize the numbers (your Primes Bank may be useful for this).

15            33            92            144            196            462

Divisibility Tests

2.

3.

5.

11.

Prime factorize the numbers (try to use the Divisibility Tests this time).

162            540            805            1584            1815

Find the GCF of the numbers.

6, 8            10, 4            15, 17            8, 14            6, 4, 10

24, 16            60, 84            36, 32            42, 84            15, 21, 9

Find the LCM of the numbers.

6, 8            10, 4            15, 17            8, 14            6, 4, 10

24, 16            60, 84            36, 32            42, 84            15, 21, 9

## Homework/Extra Practice Problems

**Prime factorize the numbers.**

140          104          62          49          94          54          70

66          129          45          60          65          81          52

**Find the GCF and the LCM using prime factorization.**

45, 75          30, 100          12, 27          36, 54          18, 20

50, 56, 105          30, 36, 75          150, 225          36, 60, 135