Find the least common multiple (LCM) of 2, 3, and 12.

The multiples of 2 are: 2, 4, 6, 8, 10, 12, 18, 20, 22, 24 ...
The multiples of 3 are: 3, 9, 12, 15, 18, 21, 24 ...
The multiples of 12 are: 12, 24 ...
The common multiples of 2, 3, and 12 are highlighted in **bold**.
The least common multiple of 2, 3, and 12 is **12**.

Find the LCM of 2, 5, and 10.
The multiples of 2 are: ____, ____, ____, ____, ____, ____, ____, ____, ____, ____ ....
The multiples of 5 are: ____, ____, ____, ____, ____, ____, ____, ____ ....
The multiples of 10 are: ____, ____ ....

Circle the common multiples.

Find the LCM of 2, 5, and 10.

The multiples of 2 are: ____, ____, ____, ____, ____, ____, ____, ____, ____, ____ ....
The multiples of 5 are: ____, ____, ____, ____, ____, ____, ____, ____ ....
The multiples of 10 are: ____, ____ ....

Circle the common multiples.

Find the least common multiple (LCM) of the following sets of numbers:

d. 4, 5, and 8  
  e. 6, 12, and 24  
  f. 1, 2, and 3

  LCM = _______  
  LCM = _______  
  LCM = _______
Find the least common multiple (LCM) of 2, 3, and 12.

The multiples of 2 are: 2, 4, 6, 8, 10, 12, 18, 20, 22, 24 ...

The multiples of 3 are: 3, 9, 12, 15, 18, 21, 24 ...

The multiples of 12 are: 12, 24 ...

The common multiples of 2, 3, and 12 are highlighted in bold.

Find the LCM of 2, 5, and 10.

The multiples of 2 are: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20 ...

The multiples of 5 are: 5, 10, 15, 20, 25, 30, 35, 40 ...

The multiples of 10 are: 10, 20 ...

Circle the common multiples.

The LCM of 2, 5, and 10 is 10.

Find the LCM:

- a. 2, 6, and 8: LCM = 24
- b. 5, 6, and 15: LCM = 30
- c. 2, 3, and 9: LCM = 18
- d. 4, 5, and 8: LCM = 40
- e. 6, 12, and 24: LCM = 24
- f. 1, 2, and 3: LCM = 6

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