

Name: _____

Least Common Multiples



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

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



Preview

Please log in to download the printable version of this worksheet.

The LCM of 2, 5, and 10 is: _____

Find the LCM.

a. 2, 6, and 8

LCM = _____

b. 5, 6, and 15

LCM = _____

c. 2, 3, and 9

LCM = _____

d. 4, 5, and 8

LCM = _____

e. 6, 12, and 24

LCM = _____

f. 1, 2, and 3

LCM = _____

ANSWER KEY

Least Common Multiples



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

The multiples of 2 are: 2, 4, 6, 8, 10, **12**, 14, 16, 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

Preview

Please log in to download
the printable version of this worksheet.

Find

a.



d. 4, 5, and 8

LCM = 40

e. 6, 12, and 24

LCM = 24

f. 1, 2, and 3

LCM = 6