Name: _____

Least Common Multiples

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

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

    The multiples of 3 are: **3, 6, 9, 12, 15, 18....**

    The common multiples of 2 and 3 are: **6, 12, 18...**

    The least common multiple of 2 and 3 is **6**.

Find the LCM of 3 and 4.

    The multiples of 3 are: _____, _____, _____, _____, _____, _____, _____, _____, _____ ...

    The multiples of 4 are: _____, _____, _____, _____, _____, _____, _____ ...

    The common multiples of 3 and 4 are: _____ and _____

    The LCM of 3 and 4 is: _____

Find the LCM.

a. 2 and 7

    LCM = _____

b. 4 and 10

    LCM = _____

c. 4 and 5

    LCM = _____

d. 6 and 10

    LCM = _____

e. 4 and 12

    LCM = _____

f. 6 and 18

    LCM = _____

ANSWER KEY

Least Common Multiples

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

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

    The multiples of 3 are: **3, 6, 9, 12, 15, 18....**

    The common multiples of 2 and 3 are: **6, 12, 18...**

    The least common multiple of 2 and 3 is **6**.

Find the LCM of 3 and 4.

    The multiples of 3 are: **3, 6, 9, 12, 15, 18, 21, 24, 27**...

    The multiples of 4 are: **4, 8, 12, 16, 20, 24, 28** ...

    The common multiples of 3 and 4 are: **12** and **24**

    The LCM of 3 and 4 is: **12**

Find the LCM.

a. 2 and 7

    LCM = **14**

b. 4 and 10

    LCM = **20**

c. 4 and 5

    LCM = **20**

d. 6 and 10

    LCM = **30**

e. 4 and 12

    LCM = **12**

f. 6 and 18

    LCM = **18**