Least Common Multiple (A)

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1.   15:

       8:

    LCM =

2.   11:

      12:

    LCM =

3.   14:

       3:

    LCM =

4.   10:

       9:

    LCM =

5.   6:

      14:

    LCM =

Name: _____

Determine the least common multiple using the multiples of each number.

1. 15: 15, 30, 45, 60, 75, 90, 105, (120), 135, ...

    8: 8, 16, 24, ... , 104, 112, (120), 128

    LCM = 120

2. 11: 11, 22, 33, 44, 55, 66, 77, 88, 99, 110, 121, (132), ...

    12: 12, 24, 36, 48, 60, 72, 84, 96, 108, 120, (132), 144, ...

    LCM = 132

3. 14: 14, 28, (42), 56, ...

    3: 3, 6, 9, ... , 36, 39, (42), 45

    LCM = 42

4. 10: 10, 20, 30, 40, 50, 60, 70, 80, (90), 100, ...

    9: 9, 18, 27, 36, 45, 54, 63, 72, 81, (90), 99, ...

    LCM = 90

5. 6: 6, 12, 18, 24, 30, 36, (42), 48, ...

    14: 14, 28, (42), 56, ...

    LCM = 42

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1.   13:

      11:

      LCM =

2.   4:

      15:

      LCM =

3.   9:

       6:

      LCM =

4.   11:

       9:

      LCM =

5.   5:

      11:

      LCM =

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1.   13: 13, 26, 39, 52, 65, 78, 91, 104, 117, 130, (143), 156, ...

         11: 11, 22, 33, ... , 121, 132, (143), 154

   LCM = 143

2.   4: 4, 8, 12, ... , 52, 56, (60), 64, ...

         15: 15, 30, 45, (60), 75, ...

   LCM = 60

3.   9: 9, (18), 27, ...

          6: 6, 12, (18), 24, ...

   LCM = 18

4.   11: 11, 22, 33, 44, 55, 66, 77, 88, (99), 110, ...

          9: 9, 18, 27, 36, 45, 54, 63, 72, 81, 90, (99), 108, ...

   LCM = 99

5.   5: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, (55), 60, ...

         11: 11, 22, 33, 44, (55), 66, ...

   LCM = 55

Least Common Multiple **(C)**

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1.   13:

    12:

    LCM =

2.   10:

    15:

    LCM =

3.   7:

    12:

    LCM =

4.   6:

     8:

    LCM =

5.   11:

     8:

    LCM =

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1. 13: 13, 26, 39, 52, 65, 78, 91, 104, 117, 130, 143, (156), ...
    12: 12, 24, 36, ... , 132, 144, (156), 168

    LCM = 156

2. 10: 10, 20, (30), 40, ...
    15: 15, (30), 45, ...

    LCM = 30

3.   7: 7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, (84), ...
    12: 12, 24, 36, 48, 60, 72, (84), 96, ...

    LCM = 84

4.   6: 6, 12, 18, (24), 30, ...
     8: 8, 16, (24), 32, ...

    LCM = 24

5. 11: 11, 22, 33, 44, 55, 66, 77, (88), 99, ...
     8: 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, (88), 96, ...

    LCM = 88

Least Common Multiple (D)

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1.   5:

        8:

        LCM =

2.   7:

        3:

        LCM =

3.   12:

        14:

        LCM =

4.   12:

        5:

        LCM =

5.   5:

        7:

        LCM =

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1. 5: 5, 10, 15, 20, 25, 30, 35, (40), 45, ...

    8: 8, 16, 24, 32, (40), 48, ...

    LCM = 40

2. 7: 7, 14, (21), 28, ...

    3: 3, 6, 9, 12, 15, 18, (21), 24, ...

    LCM = 21

3. 12: 12, 24, 36, 48, 60, 72, (84), 96, ...

    14: 14, 28, 42, 56, 70, (84), 98, ...

    LCM = 84

4. 12: 12, 24, 36, 48, (60), 72, ...

    5: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, (60), ...

    LCM = 60

5. 5: 5, 10, 15, 20, 25, 30, (35), 40, ...

    7: 7, 14, 21, 28, (35), 42, ...

    LCM = 35

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1.   9:

      15:

      LCM =

2.   6:

      7:

      LCM =

3.   10:

      4:

      LCM =

4.   9:

      14:

      LCM =

5.   9:

      7:

      LCM =

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1.   9: 9, 18, 27, 36, (45), 54, ...

         15: 15, 30, (45), 60, ...

      LCM = 45

2.   6: 6, 12, 18, 24, 30, 36, (42), 48, ...

         7: 7, 14, 21, 28, 35, (42), 49, ...

      LCM = 42

3.   10: 10, (20), 30, ...

          4: 4, 8, 12, 16, (20), 24, ...

      LCM = 20

4.   9: 9, 18, 27, ... , 108, 117, (126), 135, ...

         14: 14, 28, 42, 56, 70, 84, 98, 112, (126), 140, ...

      LCM = 126

5.   9: 9, 18, 27, 36, 45, 54, (63), 72, ...

         7: 7, 14, 21, 28, 35, 42, 49, 56, (63), 70, ...

      LCM = 63

Least Common Multiple (F)

Name: _____

Determine the least common multiple using the multiples of each number.

1.   4:

      7:

   LCM =

2.   4:

      9:

   LCM =

3.   14:

      15:

   LCM =

4.   11:

      10:

   LCM =

5.   5:

      6:

   LCM =

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1.   4: 4, 8, 12, 16, 20, 24, (28), 32, ...

       7: 7, 14, 21, (28), 35, ...

    LCM = 28

2.   4: 4, 8, 12, 16, 20, 24, 28, 32, (36), 40, ...

       9: 9, 18, 27, (36), 45, ...

    LCM = 36

3.   14: 14, 28, 42, ... , 182, 196, (210), 224, ...

      15: 15, 30, 45, ... , 180, 195, (210), 225

    LCM = 210

4.   11: 11, 22, 33, 44, 55, 66, 77, 88, 99, (110), 121, ...

      10: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, (110), 120, ...

    LCM = 110

5.   5: 5, 10, 15, 20, 25, (30), 35, ...

       6: 6, 12, 18, 24, (30), 36, ...

    LCM = 30

Least Common Multiple **(G)**

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1.   10:

       12:

      LCM =

2.   13:

       10:

      LCM =

3.   13:

        6:

      LCM =

4.   12:

        8:

      LCM =

5.   2:

      15:

      LCM =

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1.   10: 10, 20, 30, 40, 50, (60), 70, ...

       12: 12, 24, 36, 48, (60), 72, ...

   LCM = 60

2.   13: 13, 26, 39, 52, 65, 78, 91, 104, 117, (130), 143, ...

       10: 10, 20, 30, ... , 110, 120, (130), 140

   LCM = 130

3.   13: 13, 26, 39, 52, 65, (78), 91, ...

        6: 6, 12, 18, ... , 66, 72, (78), 84

   LCM = 78

4.   12: 12, (24), 36, ...

        8: 8, 16, (24), 32, ...

   LCM = 24

5.   2: 2, 4, 6, ... , 26, 28, (30), 32, ...

       15: 15, (30), 45, ...

   LCM = 30

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1.   5:

     9:

   LCM =

2.   6:

    11:

   LCM =

3.   8:

     3:

   LCM =

4.   11:

    14:

   LCM =

5.   3:

    13:

   LCM =

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1.   5: 5, 10, 15, 20, 25, 30, 35, 40, (45), 50, ...

        9: 9, 18, 27, 36, (45), 54, ...

   LCM = 45

2.   6: 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, (66), 72, ...

   11: 11, 22, 33, 44, 55, (66), 77, ...

   LCM = 66

3.   8: 8, 16, (24), 32, ...

       3: 3, 6, 9, 12, 15, 18, 21, (24), 27, ...

   LCM = 24

4.   11: 11, 22, 33, ... , 132, 143, (154), 165, ...

   14: 14, 28, 42, 56, 70, 84, 98, 112, 126, 140, (154), 168, ...

   LCM = 154

5.   3: 3, 6, 9, ... , 33, 36, (39), 42, ...

   13: 13, 26, (39), 52, ...

   LCM = 39

Least Common Multiple	(I)

Name: _____

Determine the least common multiple using the multiples of each number.

1.   11:

       3:

   LCM =

2.   7:

      15:

   LCM =

3.   3:

       5:

   LCM =

4.   13:

       5:

   LCM =

5.   15:

       6:

   LCM =

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1.   11: 11, 22, (33), 44, ...

        3: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, (33), 36, ...

      LCM = 33

2.   7: 7, 14, 21, ... , 91, 98, (105), 112, ...

       15: 15, 30, 45, 60, 75, 90, (105), 120, ...

      LCM = 105

3.   3: 3, 6, 9, 12, (15), 18, ...

        5: 5, 10, (15), 20, ...

      LCM = 15

4.   13: 13, 26, 39, 52, (65), 78, ...

        5: 5, 10, 15, ... , 55, 60, (65), 70

      LCM = 65

5.   15: 15, (30), 45, ...

        6: 6, 12, 18, 24, (30), 36, ...

      LCM = 30

Least Common Multiple (J)

Name: _____

Determine the least common multiple using the multiples of each number.

1.   13:

      15:

      LCM =

2.   4:

      14:

      LCM =

3.   14:

      13:

      LCM =

4.   13:

       8:

      LCM =

5.   11:

       4:

      LCM =

Name: _____

Date: _____

Determine the least common multiple using the multiples of each number.

1.   13: 13, 26, 39, ... , 169, 182, (195), 208, ...

     15: 15, 30, 45, ... , 165, 180, (195), 210

     LCM = 195

2.   4: 4, 8, 12, 16, 20, 24, (28), 32, ...

     14: 14, (28), 42, ...

     LCM = 28

3.   14: 14, 28, 42, ... , 154, 168, (182), 196, ...

     13: 13, 26, 39, ... , 156, 169, (182), 195

     LCM = 182

4.   13: 13, 26, 39, 52, 65, 78, 91, (104), 117, ...

      8: 8, 16, 24, ... , 88, 96, (104), 112

     LCM = 104

5.   11: 11, 22, 33, (44), 55, ...

      4: 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, (44), 48, ...

     LCM = 44