Least Common Multiple (A)

Name: _____

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

1. 21:

   25:

   LCM =

2. 18:

   23:

   LCM =

3. 10:

   11:

   LCM =

4. 9:

   6:

   LCM =

5. 17:

   8:

   LCM =

Name: _____

Date: _____

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

1.   21: 21, 42, 63, ... , 483, 504, (525), 546, ...

      25: 25, 50, 75, ... , 475, 500, (525), 550

   LCM = 525

2.   18: 18, 36, 54, ... , 378, 396, (414), 432, ...

      23: 23, 46, 69, ... , 368, 391, (414), 437

   LCM = 414

3.   10: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, (110), 120, ...

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

   LCM = 110

4.   9: 9, (18), 27, ...

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

   LCM = 18

5.   17: 17, 34, 51, 68, 85, 102, 119, (136), 153, ...

       8: 8, 16, 24, ... , 120, 128, (136), 144

   LCM = 136

Name: _____

Date: _____

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

1. 10:

    6:

    LCM =

2. 24:

    22:

    LCM =

3. 23:

    4:

    LCM =

4. 19:

    9:

    LCM =

5. 19:

    14:

    LCM =

Name: _____

Date: _____

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

1.   10: 10, 20, (30), 40, ...

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

   LCM = 30

2.   24: 24, 48, 72, 96, 120, 144, 168, 192, 216, 240, (264), 288, ...

        22: 22, 44, 66, 88, 110, 132, 154, 176, 198, 220, 242, (264), ...

   LCM = 264

3.   23: 23, 46, 69, (92), 115, ...

         4: 4, 8, 12, ... , 84, 88, (92), 96

   LCM = 92

4.   19: 19, 38, 57, 76, 95, 114, 133, 152, (171), 190, ...

         9: 9, 18, 27, ... , 153, 162, (171), 180

   LCM = 171

5.   19: 19, 38, 57, ... , 228, 247, (266), 285, ...

        14: 14, 28, 42, ... , 238, 252, (266), 280

   LCM = 266

Name: _____

Date: _____

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

1. 17:

    16:

    LCM =

2. 21:

    11:

    LCM =

3. 10:

    17:

    LCM =

4. 17:

    24:

    LCM =

5. 13:

    15:

    LCM =

Name: _____

Date: _____

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

1. 17: 17, 34, 51, ... , 238, 255, (272), 289, ...

    16: 16, 32, 48, ... , 240, 256, (272), 288

    LCM = 272

2. 21: 21, 42, 63, 84, 105, 126, 147, 168, 189, 210, (231), 252, ...

    11: 11, 22, 33, ... , 209, 220, (231), 242

    LCM = 231

3. 10: 10, 20, 30, ... , 150, 160, (170), 180, ...

    17: 17, 34, 51, 68, 85, 102, 119, 136, 153, (170), 187, ...

    LCM = 170

4. 17: 17, 34, 51, ... , 374, 391, (408), 425, ...

    24: 24, 48, 72, ... , 360, 384, (408), 432

    LCM = 408

5. 13: 13, 26, 39, ... , 169, 182, (195), 208, ...

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

    LCM = 195

Name: _____

Date: _____

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

1.   12:

     10:

     LCM =

2.   15:

     5:

     LCM =

3.   6:

     2:

     LCM =

4.   16:

     19:

     LCM =

5.   11:

     18:

     LCM =

Name: _____

Date: _____

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

1. 12: 12, 24, 36, 48, (60), 72, ...

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

    LCM = 60

2. 15: (15), 30, ...

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

    LCM = 15

3. 6: (6), 12, ...

    2: 2, 4, (6), 8, ...

    LCM = 6

4. 16: 16, 32, 48, ... , 272, 288, (304), 320, ...

    19: 19, 38, 57, ... , 266, 285, (304), 323

    LCM = 304

5. 11: 11, 22, 33, ... , 176, 187, (198), 209, ...

    18: 18, 36, 54, 72, 90, 108, 126, 144, 162, 180, (198), 216, ...

    LCM = 198

Name: _____

Date: _____

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

1.   7:

       12:

       LCM =

2.   3:

       19:

       LCM =

3.   12:

       11:

       LCM =

4.   2:

       10:

       LCM =

5.   14:

       7:

       LCM =

Name: _____

Date: _____

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

1.   7: 7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, (84), ...

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

    LCM = 84

2.   3: 3, 6, 9, ... , 51, 54, (57), 60, ...

    19: 19, 38, (57), 76, ...

    LCM = 57

3.   12: 12, 24, 36, 48, 60, 72, 84, 96, 108, 120, (132), 144, ...

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

    LCM = 132

4.   2: 2, 4, 6, 8, (10), 12, ...

    10: (10), 20, ...

    LCM = 10

5.   14: (14), 28, ...

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

    LCM = 14

Name: _____

Date: _____

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

1.   21:

      19:

      LCM =

2.   6:

      13:

      LCM =

3.   13:

       2:

      LCM =

4.   18:

      20:

      LCM =

5.   18:

      22:

      LCM =

Name: _____

Date: _____

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

1.   21: 21, 42, 63, ... , 357, 378, (399), 420, ...
      19: 19, 38, 57, ... , 361, 380, (399), 418

   LCM = 399

2.   6: 6, 12, 18, ... , 66, 72, (78), 84, ...
      13: 13, 26, 39, 52, 65, (78), 91, ...

   LCM = 78

3.   13: 13, (26), 39, ...
       2: 2, 4, 6, ... , 22, 24, (26), 28

   LCM = 26

4.   18: 18, 36, 54, 72, 90, 108, 126, 144, 162, (180), 198, ...
      20: 20, 40, 60, 80, 100, 120, 140, 160, (180), 200, ...

   LCM = 180

5.   18: 18, 36, 54, 72, 90, 108, 126, 144, 162, 180, (198), 216, ...
      22: 22, 44, 66, 88, 110, 132, 154, 176, (198), 220, ...

   LCM = 198

Name: _____

Date: _____

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

1. 2:

    25:

    LCM =

2. 6:

    12:

    LCM =

3. 11:

    5:

    LCM =

4. 8:

    9:

    LCM =

5. 19:

    2:

    LCM =

Name: _____

Date: _____

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

1.   2: 2, 4, 6, ... , 46, 48, (50), 52, ...

      25: 25, (50), 75, ...

   LCM = 50

2.   6: 6, (12), 18, ...

      12: (12), 24, ...

   LCM = 12

3.   11: 11, 22, 33, 44, (55), 66, ...

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

   LCM = 55

4.   8: 8, 16, 24, 32, 40, 48, 56, 64, (72), 80, ...

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

   LCM = 72

5.   19: 19, (38), 57, ...

       2: 2, 4, 6, ... , 34, 36, (38), 40

   LCM = 38

	Least Common Multiple (H)

Name: _____

Date: _____

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

1. 10:

    4:

    LCM =

2. 13:

    3:

    LCM =

3. 23:

    15:

    LCM =

4. 21:

    3:

    LCM =

5. 7:

    5:

    LCM =

Name: _____

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

1.   10: 10, (20), 30, ...

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

   LCM = 20

2.   13: 13, 26, (39), 52, ...

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

   LCM = 39

3.   23: 23, 46, 69, ... , 299, 322, (345), 368, ...

      15: 15, 30, 45, ... , 315, 330, (345), 360

   LCM = 345

4.   21: (21), 42, ...

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

   LCM = 21

5.   7: 7, 14, 21, 28, (35), 42, ...

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

   LCM = 35

Least Common Multiple (I)

Name: _____

Date: _____

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

1.   18:

     3:

   LCM =

2.   3:

   17:

   LCM =

3.   25:

    8:

   LCM =

4.   5:

   24:

   LCM =

5.   18:

   10:

   LCM =

Name: _____

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

1.   18: (18), 36, ...

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

   LCM = 18

2.   3: 3, 6, 9, ... , 45, 48, (51), 54, ...

      17: 17, 34, (51), 68, ...

   LCM = 51

3.   25: 25, 50, 75, 100, 125, 150, 175, (200), 225, ...

      8: 8, 16, 24, ... , 184, 192, (200), 208

   LCM = 200

4.   5: 5, 10, 15, ... , 110, 115, (120), 125, ...

      24: 24, 48, 72, 96, (120), 144, ...

   LCM = 120

5.   18: 18, 36, 54, 72, (90), 108, ...

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

   LCM = 90

Least Common Multiple (J)

Name: _____

Date: _____

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

1.   15:

     25:

    LCM =

2.   9:

     23:

    LCM =

3.   22:

     20:

    LCM =

4.   13:

     10:

    LCM =

5.   10:

      5:

    LCM =

Name: _____

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

1.   15: 15, 30, 45, 60, ⦶75⦶, 90, ...

         25: 25, 50, ⦶75⦶, 100, ...

     LCM = 75

2.   9: 9, 18, 27, ... , 189, 198, ⦶207⦶, 216, ...

         23: 23, 46, 69, 92, 115, 138, 161, 184, ⦶207⦶, 230, ...

     LCM = 207

3.   22: 22, 44, 66, 88, 110, 132, 154, 176, 198, ⦶220⦶, 242, ...

         20: 20, 40, 60, 80, 100, 120, 140, 160, 180, 200, ⦶220⦶, 240, ...

     LCM = 220

4.   13: 13, 26, 39, 52, 65, 78, 91, 104, 117, ⦶130⦶, 143, ...

         10: 10, 20, 30, ... , 110, 120, ⦶130⦶, 140

     LCM = 130

5.   10: ⦶10⦶, 20, ...

          5: 5, ⦶10⦶, 15, ...

     LCM = 10