Least Common Multiple (A)

Name: _____

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

1. 18:

    14:

    LCM =

2. 24:

    9:

    LCM =

3. 22:

    8:

    LCM =

4. 14:

    8:

    LCM =

5. 15:

    24:

    LCM =

Least Common Multiple (A)

Name: _____

Date: _____

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

1.   18: 18, 36, 54, 72, 90, 108, (126), 144, ...
      14: 14, 28, 42, 56, 70, 84, 98, 112, (126), 140, ...
      LCM = 126

2.   24: 24, 48, (72), 96, ...
       9: 9, 18, 27, 36, 45, 54, 63, (72), 81, ...
      LCM = 72

3.   22: 22, 44, 66, (88), 110, ...
       8: 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, (88), 96, ...
      LCM = 88

4.   14: 14, 28, 42, (56), 70, ...
       8: 8, 16, 24, 32, 40, 48, (56), 64, ...
      LCM = 56

5.   15: 15, 30, 45, 60, 75, 90, 105, (120), 135, ...
      24: 24, 48, 72, 96, (120), 144, ...
      LCM = 120

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Least Common Multiple (B)

Name: _____

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

1.   15:

      20:

      LCM =

2.   16:

      14:

      LCM =

3.   6:

      14:

      LCM =

4.   21:

      12:

      LCM =

5.   10:

      18:

      LCM =

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Name: _____

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

1.   15: 15, 30, 45, (60), 75, ...

          20: 20, 40, (60), 80, ...

        LCM = 60

2.   16: 16, 32, 48, 64, 80, 96, (112), 128, ...

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

        LCM = 112

3.   6: 6, 12, 18, 24, 30, 36, (42), 48, ...

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

        LCM = 42

4.   21: 21, 42, 63, (84), 105, ...

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

        LCM = 84

5.   10: 10, 20, 30, 40, 50, 60, 70, 80, (90), 100, ...

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

        LCM = 90

Name: _____

Date: _____

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

1.   8:

        18:

        LCM =

2.   22:

        18:

        LCM =

3.   8:

        6:

        LCM =

4.   6:

        20:

        LCM =

5.   8:

        20:

        LCM =

Name: _____

Date: _____

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

1. 8: 8, 16, 24, 32, 40, 48, 56, 64, (72), 80, ...

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

    LCM = 72

2. 22: 22, 44, 66, 88, 110, 132, 154, 176, (198), 220, ...

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

    LCM = 198

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

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

    LCM = 24

4. 6: 6, 12, 18, 24, 30, 36, 42, 48, 54, (60), 66, ...

    20: 20, 40, (60), 80, ...

    LCM = 60

5. 8: 8, 16, 24, 32, (40), 48, ...

    20: 20, (40), 60, ...

    LCM = 40

Name: _____

Date: _____

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

1. 16:

    20:

    LCM =

2. 14:

    20:

    LCM =

3.   9:

    12:

    LCM =

4. 22:

    16:

    LCM =

5. 21:

    15:

    LCM =

Name: _____

Date: _____

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

1.   16: 16, 32, 48, 64, (80), 96, ...

     20: 20, 40, 60, (80), 100, ...

     LCM = 80

2.   14: 14, 28, 42, 56, 70, 84, 98, 112, 126, (140), 154, ...

     20: 20, 40, 60, 80, 100, 120, (140), 160, ...

     LCM = 140

3.   9: 9, 18, 27, (36), 45, ...

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

     LCM = 36

4.   22: 22, 44, 66, 88, 110, 132, 154, (176), 198, ...

     16: 16, 32, 48, 64, 80, 96, 112, 128, 144, 160, (176), 192, ...

     LCM = 176

5.   21: 21, 42, 63, 84, (105), 126, ...

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

     LCM = 105

Least Common Multiple (E)

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

1. 18:

    16:

    LCM =

2.   4:

    22:

    LCM =

3. 20:

    24:

    LCM =

4. 21:

     6:

    LCM =

5. 10:

    15:

    LCM =

Name: _____

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

1.   18: 18, 36, 54, 72, 90, 108, 126, (144), 162, ...
       16: 16, 32, 48, 64, 80, 96, 112, 128, (144), 160, ...

   LCM = 144

2.   4: 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, (44), 48, ...
       22: 22, (44), 66, ...

   LCM = 44

3.   20: 20, 40, 60, 80, 100, (120), 140, ...
       24: 24, 48, 72, 96, (120), 144, ...

   LCM = 120

4.   21: 21, (42), 63, ...
        6: 6, 12, 18, 24, 30, 36, (42), 48, ...

   LCM = 42

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

   LCM = 30

Name: _____

Date: _____

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

1.   18:

      20:

      LCM =

2.   24:

      21:

      LCM =

3.   9:

      6:

      LCM =

4.   12:

      14:

      LCM =

5.   9:

      15:

      LCM =

Name: _____

Date: _____

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

1. 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

2. 24: 24, 48, 72, 96, 120, 144, (168), 192, ...

    21: 21, 42, 63, 84, 105, 126, 147, (168), 189, ...

    LCM = 168

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

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

    LCM = 18

4. 12: 12, 24, 36, 48, 60, 72, (84), 96, ...

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

    LCM = 84

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

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

    LCM = 45

Name: _____

Date: _____

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

1.   10:

22:

LCM =

2.   18:

15:

LCM =

3.   22:

24:

LCM =

4.   10:

24:

LCM =

5.   24:

14:

LCM =

Name: _____

Date: _____

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

1.　10:　10, 20, 30, 40, 50, 60, 70, 80, 90, 100, (110), 120, ...

22:　22, 44, 66, 88, (110), 132, ...

LCM = 110

2.　18:　18, 36, 54, 72, (90), 108, ...

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

LCM = 90

3.　22:　22, 44, 66, 88, 110, 132, 154, 176, 198, 220, 242, (264), ...

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

LCM = 264

4.　10:　10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, (120), ...

24:　24, 48, 72, 96, (120), 144, ...

LCM = 120

5.　24:　24, 48, 72, 96, 120, 144, (168), 192, ...

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

LCM = 168

Name: _____

Date: _____

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

1.   10:

    25:

    LCM =

2.   22:

    6:

    LCM =

3.   15:

    25:

    LCM =

4.   4:

    10:

    LCM =

5.   25:

    20:

    LCM =

Name: _____

Date: _____

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

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

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

    LCM = 50

2. 22: 22, 44, (66), 88, ...

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

    LCM = 66

3. 15: 15, 30, 45, 60, (75), 90, ...

    25: 25, 50, (75), 100, ...

    LCM = 75

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

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

    LCM = 20

5. 25: 25, 50, 75, (100), 125, ...

    20: 20, 40, 60, 80, (100), 120, ...

    LCM = 100

Least Common Multiple (I)

Name: _____

Date: _____

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

1.   16:

      6:

   LCM =

2.   6:

      4:

   LCM =

3.   8:

      10:

   LCM =

4.   22:

      14:

   LCM =

5.   18:

      12:

   LCM =

Name: _____

Date: _____

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

1.   16: 16, 32, (48), 64, ...

      6: 6, 12, 18, 24, 30, 36, 42, (48), 54, ...

   LCM = 48

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

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

   LCM = 12

3.   8: 8, 16, 24, 32, (40), 48, ...

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

   LCM = 40

4.   22: 22, 44, 66, 88, 110, 132, (154), 176, ...

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

   LCM = 154

5.   18: 18, (36), 54, ...

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

   LCM = 36

Least Common Multiple (J)

Name: _____

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

1.   10:

      14:

      LCM =

2.   21:

       9:

      LCM =

3.   12:

      10:

      LCM =

4.   16:

      10:

      LCM =

5.   21:

      18:

      LCM =

Name: _____

Date: _____

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

1. 10: 10, 20, 30, 40, 50, 60, (70), 80, ...

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

    LCM = 70

2. 21: 21, 42, (63), 84, ...

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

    LCM = 63

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

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

    LCM = 60

4. 16: 16, 32, 48, 64, (80), 96, ...

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

    LCM = 80

5. 21: 21, 42, 63, 84, 105, (126), 147, ...

    18: 18, 36, 54, 72, 90, 108, (126), 144, ...

    LCM = 126