Math Practice - Grade 6

M2 Dividing fractions by fractions, GCF, LCM - Least common multiple

M2 6.NS.A.1, 6.NS.B.4

Name: _____ Date: _____

Find the least common multiple of the two numbers.

Example: Find the least common multiple of 3 and 2.

How: List the multiples of each number. The smallest number on both lists is the least common multiple.

LCM(3, 2) = 6

1 **Find the least common multiple of 3 and 10.**

LCM(3, 10) = ☐

2 **Find the least common multiple of 4 and 9.**

LCM(4, 9) = ☐

3 **Find the least common multiple of 11 and 10.**

LCM(11, 10) = ☐

4 **Find the least common multiple of 9 and 2.**

LCM(9, 2) = ☐

5 **Find the least common multiple of 2 and 7.**

LCM(2, 7) = ☐

6 **Find the least common multiple of 10 and 5.**

LCM(10, 5) = ☐

7 **Find the least common multiple of 6 and 5.**

LCM(6, 5) = ☐

8 **Find the least common multiple of 6 and 2.**

LCM(6, 2) = ☐

9 **Find the least common multiple of 9 and 5.**

LCM(9, 5) = ☐

10 **Find the least common multiple of 8 and 4.**

LCM(8, 4) = ☐

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Find the least common multiple of the two numbers.

Example: Find the least common multiple of 6 and 5.

How: List the multiples of each number. The smallest number on both lists is the least common multiple.

LCM(6, 5) = 30

1 **Find the least common multiple of 9 and 11.**

LCM(9, 11) = ☐

2 **Find the least common multiple of 5 and 8.**

LCM(5, 8) = ☐

3 **Find the least common multiple of 10 and 12.**

LCM(10, 12) = ☐

4 **Find the least common multiple of 6 and 10.**

LCM(6, 10) = ☐

5 **Find the least common multiple of 7 and 5.**

LCM(7, 5) = ☐

6 **Find the least common multiple of 2 and 12.**

LCM(2, 12) = ☐

7 **Find the least common multiple of 4 and 2.**

LCM(4, 2) = ☐

8 **Find the least common multiple of 10 and 2.**

LCM(10, 2) = ☐

9 **Find the least common multiple of 2 and 11.**

LCM(2, 11) = ☐

10 **Find the least common multiple of 8 and 9.**

LCM(8, 9) = ☐

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Name: _____ Date: _____

Find the least common multiple of the two numbers.

Example: Find the least common multiple of 11 and 10.

How: List the multiples of each number. The smallest number on both lists is the least common multiple.

LCM(11, 10) = 110

1 **Find the least common multiple of 5 and 11.**

LCM(5, 11) = ☐

2 **Find the least common multiple of 12 and 2.**

LCM(12, 2) = ☐

3 **Find the least common multiple of 11 and 3.**

LCM(11, 3) = ☐

4 **Find the least common multiple of 7 and 8.**

LCM(7, 8) = ☐

5 **Find the least common multiple of 4 and 3.**

LCM(4, 3) = ☐

6 **Find the least common multiple of 4 and 9.**

LCM(4, 9) = ☐

7 **Find the least common multiple of 3 and 10.**

LCM(3, 10) = ☐

8 **Find the least common multiple of 3 and 8.**

LCM(3, 8) = ☐

9 **Find the least common multiple of 2 and 10.**

LCM(2, 10) = ☐

10 **Find the least common multiple of 2 and 3.**

LCM(2, 3) = ☐