

Name \_\_\_\_\_

Date \_\_\_\_\_



## LEAST COMMON MULTIPLE SHEET 3A

For each problem below, write out the lists of multiples to find the LCM.

*Remember – you only need to write out as many multiples as the other number.*

1) Find the least common multiple of 6 and 12.

Multiples of 6: \_\_\_\_\_

Multiples of 12: \_\_\_\_\_

*Least common multiple is \_\_\_\_\_.*

2) Find the least common multiple of 7 and 9.

Multiples of 7: \_\_\_\_\_

Multiples of 9: \_\_\_\_\_

*Least common multiple is \_\_\_\_\_.*

3) Find the least common multiple of 9 and 5.

Multiples of 3: \_\_\_\_\_

Multiples of 6: \_\_\_\_\_

*Least common multiple is \_\_\_\_\_.*

4) Find the least common multiple of 12 and 8.

Multiples of 8: \_\_\_\_\_

Multiples of 10: \_\_\_\_\_

*Least common multiple is \_\_\_\_\_.*

5) Find the lowest common multiple of 10 and 15.

Multiples of 10: \_\_\_\_\_

Multiples of 15: \_\_\_\_\_

*Lowest common multiple is \_\_\_\_\_.*



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## LEAST COMMON MULTIPLE SHEET 3A ANSWERS

1) Find the least common multiple of 6 and 12.

Multiples of 6: 6, 12, 18, 24, 30, 36      Multiples of 12: 12, 24, 36

*Least common multiple is 12*

2) Find the least common multiple of 7 and 9.

Multiples of 7: 7, 14, 21, 28, 35, 42, 49, 56, 63      Multiples of 9: 9, 18, 27, 36, 45, 54, 63

*Least common multiple is 63*

3) Find the least common multiple of 9 and 5.

Multiples of 9: 9, 18, 27, 36, 45      Multiples of 5: 5, 10, 15, 20, 25, 30, 35, 40, 45

*Least common multiple is 45*

4) Find the least common multiple of 12 and 8.

Multiples of 12: 12, 24, 36, 48, 60, 72, 84, 96      Multiples of 8: 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96

*Least common multiple is 24*

5) Find the lowest common multiple of 10 and 15.

Multiples of 10: 10, 20, 30, 40, 50, 60      Multiples of 15: 15, 30, 45, 60

*Lowest common multiple is 30*

