Lowest Common Multiple

Name:_____

Instructions: Read each section carefully and find the LCM.

Section A: Find the LCM of the following using listing.

1. 6 and 8
   Multiples of 6:

   Multiples of 8:

   LCM of 6 and 8:

2. 4, 5 and 8
   Multiples of 4:

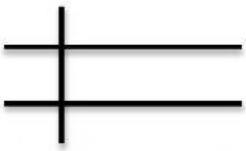
   Multiples of 5:

   Multiples of 8:

   LCM of 4, 5 and 8:

Section B: Find the LCM of the following using the division ladder.

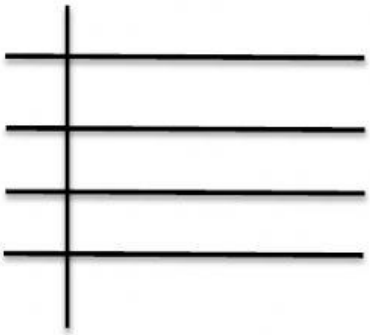
1. 3 and 7



LCM = x

=

2. 6, 12 and 24



LCM = x x x

=

Section C: Find the LCM using Prime factors.

1. 2 x 2 x 3 x 3
   2 x 3 x 5

= x x x x

=

2. 2 x 3 x 5 x 7
   2 x 3 x 5

= x x x

=

LIVEWORKSHEETS