Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ HR: \_\_\_\_

**Homework – Finding Multiples & LCM**

1. List the **multiples** of 5 and 4 that are less than or equal to 40. Fill in the Venn diagram. Then answer the questions that follow.



 Multiples Multiples

 of 5 of 4

1. What do the numbers in the **intersection** have in common?
2. How can you use the Venn diagram to find the least common multiple between 4 and 5? Explain
3. List 5 more numbers that can be placed in the intersection of the Venn diagram.

2. List the **multiples** of 6 and 8 that are less than or equal to 48. Fill in the Venn diagram. Then answer the questions that follow.



 Multiples Multiples

 of 6 of 8

1. What do the numbers in the **intersection** have in common?
2. What is the **least common multiple** of 6 and 8?
3. List 5 more numbers that can be placed in the intersection of the Venn diagram.

3. List the **multiples** of 3 and 5 that are less than or equal to 45. Fill in the Venn diagram. Then answer the questions that follow.



 Multiples Multiples

 of 3 of 5

1. What do the numbers in the intersection have in common?
2. What is the **LCM** of 3 and 5?
3. What type of numbers are 3 and 5? Do you notice anything about the numbers and their LCM?
4. List 5 more numbers that can be placed in the intersection of the Venn diagram.