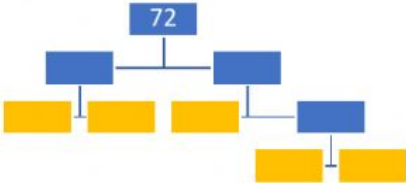
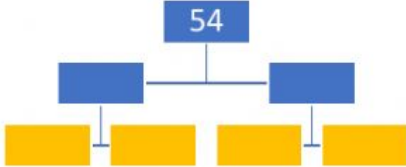


Name: _____

Factors and Multiples

Answer the following questions:

1. List ALL the factors of 36 in order from least to greatest :	2. List ALL the factors of 48 in order from least to greatest :
3. Write the definition of a PRIME number in your own words . Then, give TWO examples. Definition: Examples:	4. Write the definition of a COMPOSITE number in your own words . Then, give TWO examples. Definition: Examples:
5. List the first 10 multiples of the number 9:	6. List the first 10 multiples of the number 8:
7. Use a FACTOR TREE to write the PRIME FACTORIZATION of the following number in EXPONENTIAL form. Show your work! 	8. Use a FACTOR TREE to write the PRIME FACTORIZATION of the following number in EXPONENTIAL form. Show your work! 
Prime Factorization:	Prime Factorization:
9. Answer with TRUE or FALSE . Then, EXPLAIN why: The PRIME FACTORIZATION of 99 is 9×11 .	10. Answer with TRUE or FALSE . Then, EXPLAIN why: 38, 58, and 76 are all MULTIPLES of 19.