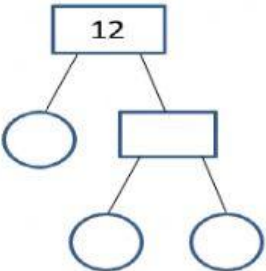
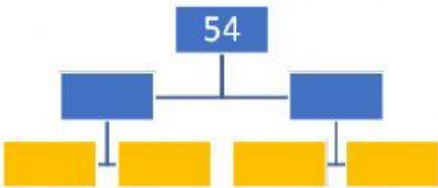


Name: _____

Factors and Multiples

Answer the following questions:

1. List ALL the <u>factors</u> of <u>18</u> in order from least to greatest :	2. List ALL the <u>factors</u> of <u>20</u> in order from least to greatest :
3. Write the definition of a <u>PRIME</u> number in your own words . Then, give TWO examples. Definition: Examples:	4. Write the definition of a <u>COMPOSITE</u> number in your own words . Then, give TWO examples. Definition: Examples:
5. List the first seven multiples of <u>the number 4</u> :	6. List the first seven multiples of <u>the number 6</u> :
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 44 is (4 x 11).	10. Answer with TRUE or FALSE . Then, EXPLAIN why: 27, 45, and 90 are all MULTIPLES of 9.