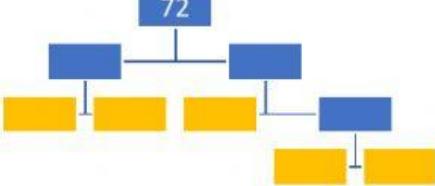
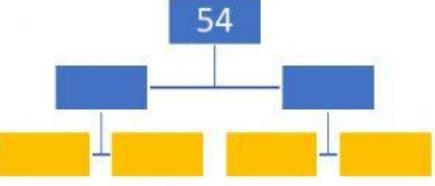


Name: \_\_\_\_\_

## Factors and Multiples

Answer the following questions:

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