**ADDING AND SUBTRACTING FRACTIONS**

To add or subtract fractions the **denominators** must be the same. After finding the lowest (least) common denominator, you can add or subtract the numerators, and the denominators stay the same.

**Ex:** 1/3 + 1/6 =?

|  |  |
| --- | --- |
| **Step 1: List multiples of each denominator**multiples of 3 = multiples of 6 =  | **Step 2: Circle the smallest common number of each set of multiples****The answer is \_\_\_.** This will be your lowest common denominator. |
| **Step 3: Multiply each fraction (top and bottom numbers) by the number to make each denominator 6.**$$=\frac{1× }{3× }+\frac{1× }{6× }$$ | **Step 4: Write the numerators (top numbers) over your lowest common denominator and simplify (combine numbers). Reduce your final answer.**$$=\frac{ + }{6}$$$$=\frac{}{6}$$$$=\frac{}{}$$ |

**YOUR TURN**

|  |  |
| --- | --- |
| Ex 1:   | Ex 2:  |
| Ex 3:  | Ex 4:  |

**PRACTICE**

Evaluate the following: \*final answers should be in lowest terms

|  |  |  |  |
| --- | --- | --- | --- |
| a.  | b.  | c.  | d.  |
| e.  | f.  | g.  | h.  |
| **ANSWERS**: a. b. c. d. e. f. g. h. |