ADD FRACTIONS WITH LIKE DENOMINATORS
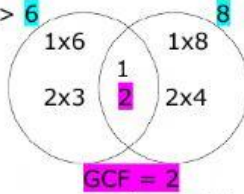
HOMEWORK GRADE
01/19/2021

Select the correct answer. Always simplify to find your lowest fraction.

<u>Example</u>: Solve for the sum of $\frac{5}{8}$ and $\frac{1}{8}$.

Step 1: Set up your problem -> $\frac{5}{8} + \frac{1}{8} = \frac{6}{8}$

Step 2: Simplify your answer by finding the GCF of your answer in step 1.

numerator -> **6**   **8** <- denominator

| 1x6 | 1x8 |
| 2x3 | 2x4 |

1 / **2**

GCF = 2

Step 3: Divided your numerator and denominator by the GCF.

$$\frac{6}{8} \div \frac{2}{2} = \frac{3}{4}$$

Final Answer: $\frac{3}{4}$

> * Remember – if your GCF =1, then your fraction is in its simplest form, it stays the same.

1. Solve for the sum of $\frac{2}{6}$ and $\frac{1}{6}$.

$\frac{3}{6}$	$\frac{3}{12}$	$\frac{1}{2}$

2. Solve for the sum of $\frac{2}{4}$ and $\frac{1}{4}$.

$\frac{3}{4}$	$\frac{3}{8}$	$\frac{1}{4}$

3. Solve for the sum of $\frac{2}{12}$ and $\frac{8}{12}$.

$\frac{10}{24}$	$\frac{10}{12}$	$\frac{5}{6}$

4. Solve for the sum of $\frac{2}{9}$ and $\frac{1}{9}$.

$\frac{3}{9}$	$\frac{1}{3}$	$\frac{3}{18}$