Name_____

5.NF.1

To add fractions with unlike denominators:

$\frac{2}{3} \rightarrow \frac{2 \times 4}{3 \times 4} \rightarrow \frac{8}{12}$

$+\frac{1}{4} \rightarrow \frac{1 \times 3}{4 \times 3} \rightarrow \frac{3}{12}$

$\frac{11}{12}$

1. Find the lowest common denominator (LCD).
2. Rewrite each fraction using the LCD.
3. Add.
4. Simplify if possible.

$\frac{5}{6} \rightarrow \frac{5 \times 5}{6 \times 5} \rightarrow \frac{25}{30}$

$+\frac{2}{5} \rightarrow \frac{2 \times 6}{5 \times 6} \rightarrow \frac{12}{30}$

$\frac{37}{30}$

$= 1\frac{7}{30}$

Add. Simplify if possible.

1. $\frac{2}{3} + \frac{4}{9}$

2. $\frac{1}{4} + \frac{5}{8}$

3. $\frac{3}{5} + \frac{1}{10}$

4. $\frac{5}{8} + \frac{1}{2}$

5. $\frac{1}{3} + \frac{5}{6}$

6. $\frac{1}{5} + \frac{4}{15}$

7. $\frac{1}{6} + \frac{2}{3}$

8. $\frac{7}{8} + \frac{3}{4}$

9. $\frac{1}{2} + \frac{7}{8}$

10. $\frac{5}{8} + \frac{1}{4}$

11. $\frac{6}{7} + \frac{1}{14}$

12. $\frac{5}{12} + \frac{5}{6}$



☐ I can use equivalent fractions to add fractions with unlike denominators.