Name _____ Date _____

Adding Unlike Fractions Lesson and Practice

Add the fractions and simplify to the lowest terms.

$$\frac{4}{5} + \frac{5}{8}$$

To add fractions, the denominators must be equal. Complete the following steps to add two fractions.

1. Build each fraction so that both denominators are equal.
2. Add the numerators of the fractions.
3. Reduce the answer.

Making the denominators same - by multiplying 4/5 by factor 8 and 5/8 by factor 5 in both numerator and denominator.

$$\frac{4}{5} \text{ X } \frac{8}{8} = \frac{32}{40}$$

And

$$\frac{5}{8} \text{ X } \frac{5}{5} = \frac{25}{40}$$

So the expression becomes

$$\frac{32}{40} + \frac{25}{40}$$

Add the numerators of the fractions.

$$\frac{32}{40} + \frac{25}{40} = \frac{57}{40}$$

Reduce the answer in mixed fraction form = $1\frac{17}{40}$

Answer: $1\frac{17}{40}$

Practice Problems.

1	$\frac{2}{3} + \frac{1}{8}$	2	$\frac{7}{8} + \frac{3}{4}$