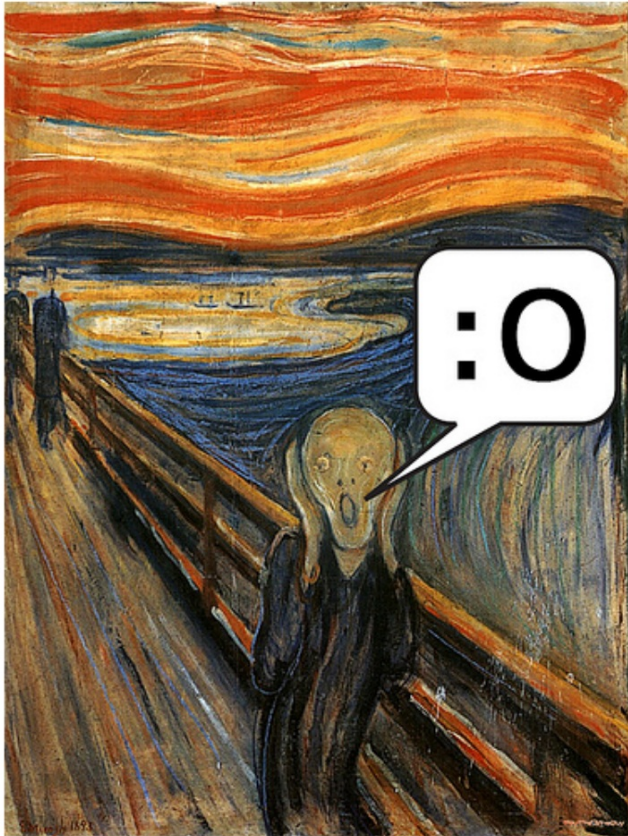


**Objective:** Today we will add and subtract fractions and mixed numbers.

**HW:** p.6 #17, 19 (plus fractions)

**Bellwork:**

Evaluate  $\frac{x}{4} + \frac{3}{y}$  for  $x = 1$  and  $y = 8$



### Algebra Bellwork

Evaluate  $\frac{x}{4} + \frac{3}{y}$  for  $x = 1$  and  $y = 8$

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

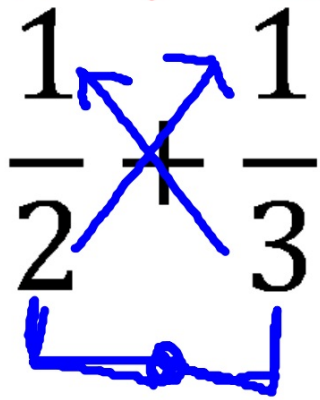
$$\frac{2}{8} + \frac{3}{8}$$

$$\frac{5}{8}$$



# Least Common Denominator (Multiple)

<sup>3</sup> + <sup>2</sup>

$$\frac{1}{2} + \frac{1}{3}$$


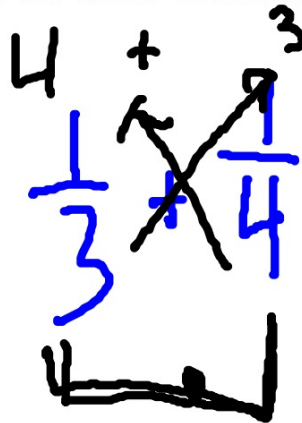
$$\frac{5}{6}$$

Step 1: Field Goal (multiply)

Step 2: multiply across diagonals

Step 3: add the numerators (top)



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


$$\frac{7}{12}$$

45

White boards

22

$$\frac{9}{11}$$

$$- \frac{2}{5} =$$

$$\frac{23}{55}$$

Assignment (1-4A)  
p.6 #17,19

1)  $\frac{3}{4} + \frac{1}{16}$

2)  $\frac{2}{5} + \frac{1}{10}$

3)  $\frac{1}{4} + \frac{1}{2}$

4)  $\frac{3}{14} + \frac{1}{3}$

5)  $\frac{1}{19} + \frac{1}{2}$

6)  $\frac{1}{2} + \frac{3}{16}$