DUE Wed. Oct. 2, due to holidays 30 minute time limit for this one HW.	NAME	
FIRST FEEDBACK FROM TEACHER: SHOW WORK PLEASE WRITE TIME SPENT PLEASE CORRECT LEVEL 3 (\(\frac{1}{\psi}, \frac{1}{\psi}, or \(\frac{1}{\psi} + \psi)\)	2nd FEEDBACK FROM Please Correct Mistakes Please Reflect on Your Work Please Show Work on Redo LATE = -1 If you were abse	
FEEDBACK FROM STUDENT: 1. Time Limit: This homework took		
☐ ≤30 Minutes ☐ MORE Than 30 Minutes, because		
2. How I feel about this HW: LEVEL 1: LEVEL 1: because		
LEVEL 3: Decause		
Solve <u>visually</u> :	your fraction template if	you like.
1. 1. Add 5/9 and 2/3 by drawing it below. What	Improper count the	fraction (just 9ths) Mixed number (1 whole and how many 9ths?)
2. Add 5/6 and 3/4 by shading below. What is the	Improper fraction count the 12ths) sum?	(just Mixed number (1 whole and how many 12ths?)
3. Add 1/2 and 5/6 by shading below. What is the	e sum?	otion (just
0 0 0 0 0 0 0	count the 6th simplify to 3	as, then and how many 3rds?)

LEVEL TWO – Egyptian Fractions

Rules

- 1. You can only use unit fractions (fractions that have a ONE in the numerator).
- 2. All the denominators must be different.

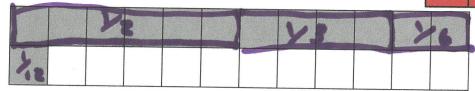
If you find these problems difficult, just do your best. Draw, draw draw! Draw the fractions on a separate piece of paper, or use sugar cubes ©

4. Make THIRTEEN TWELFTHS using Egyptian rules.

(start with ½!)

Here's a 12-wide wall:

$\frac{13}{12} =$	立+	上子	16	+10
				1 1

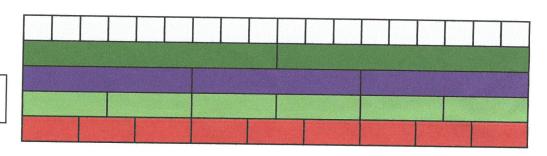




5. Make ELEVEN
EIGHTEENTHS.
Here's an 18-wide wall:

11 \(\subseteq \subseteq \)

18	2	9	
ne.	7	باد	4 !

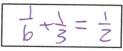




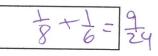
LEVEL THREE

- 8. Pick any TWO fractions to add.

 There might be more than one possible answer if so, look or the <u>easiest</u> pair to add!
- a) The sum should be greater than 1/3, but less than 1.(sum >1/3 but <1)

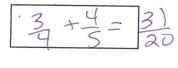


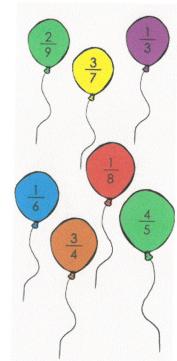
b) Sum should be less than $\frac{1}{8}(<\frac{1}{8})$



c) Sum should be greater than 1. (>1)

$$\frac{3}{4} + \frac{4}{5} = \frac{15 + 16}{20} = \frac{31}{20}$$





9. Grace chooses <u>five</u> different numbers from the list 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. Two of those numbers are 4 and 5, and they are the only two numbers she picks that differ by 1. What is the <u>greatest</u> possible sum of the five numbers? ("Differ by one" means they are only one apart, like 4 and 5, or 8 and 9, or 90 and 91.)

29

2+4+5+10+8=29

10. A man who had 12 horses and 3 children wrote his will to leave 1/2 of his horses to Pat, 1/3 to Chris and 1/12 to Sam. However, just after he died one of his horses died too. The family lawyer showed up (on his horse) to help with the estate. How did the family divide the 11 remaining horses so as to fulfil the terms of the will (without cutting any horses in half!)

There was always one horse extra "