Homework #21

On a separate sheet of paper, complete the worksheet on solving equations.

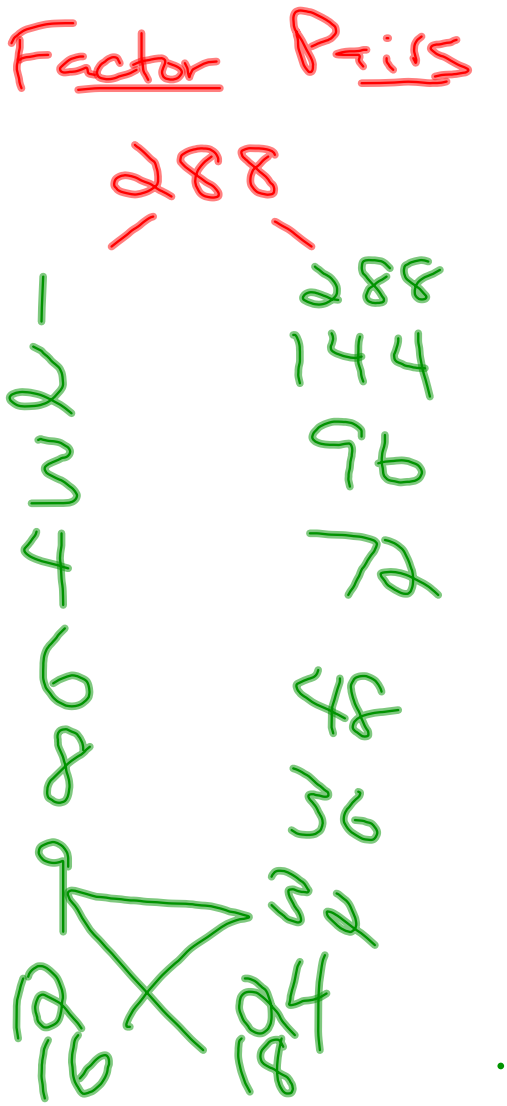
Also

Complete the PEMDAS worksheet from class.

This will be graded for accuracy.

Sep 14-10:52 PM

$\frac{x}{7}$ out of 4?

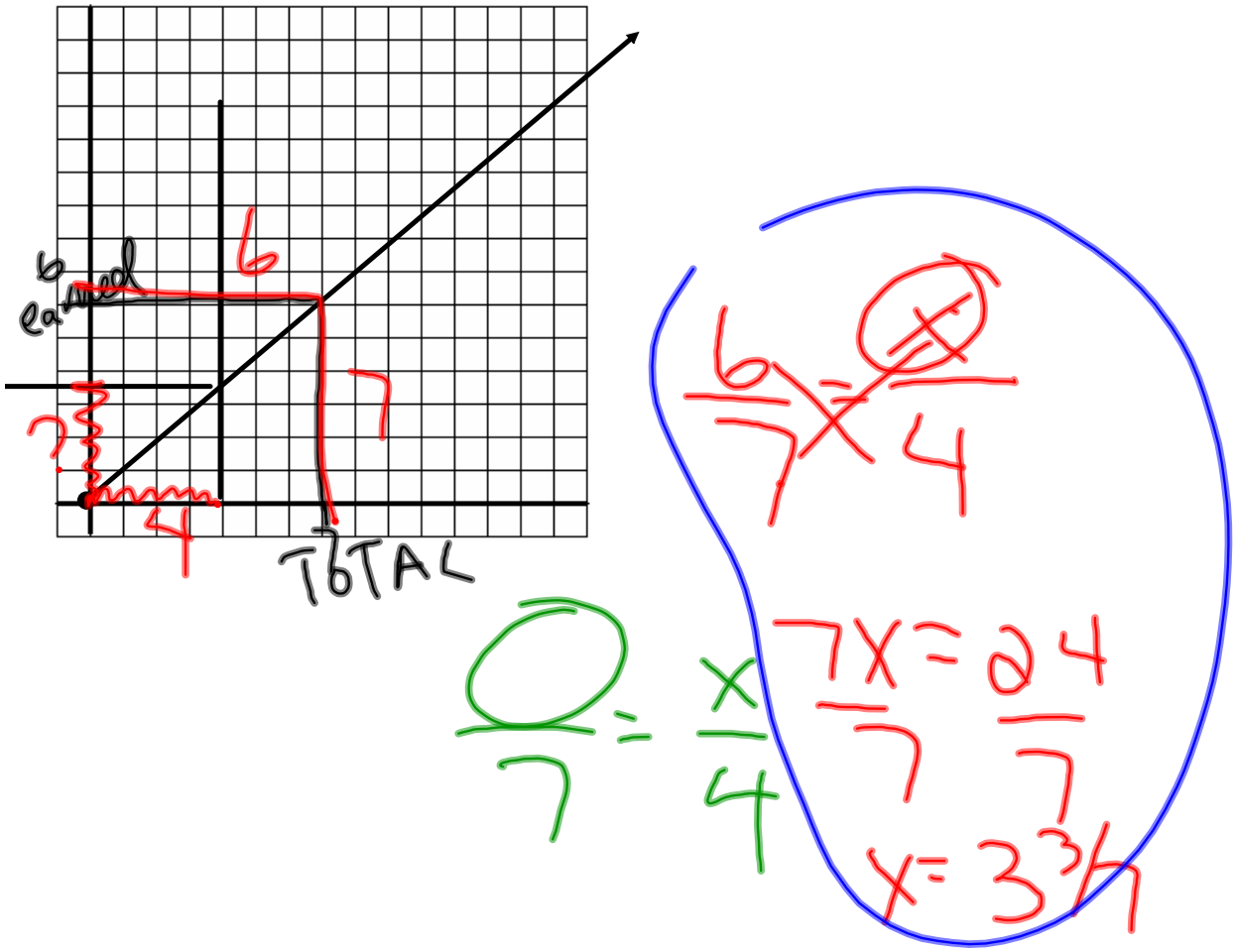


$$\frac{7.5}{7} = \frac{x}{4}$$

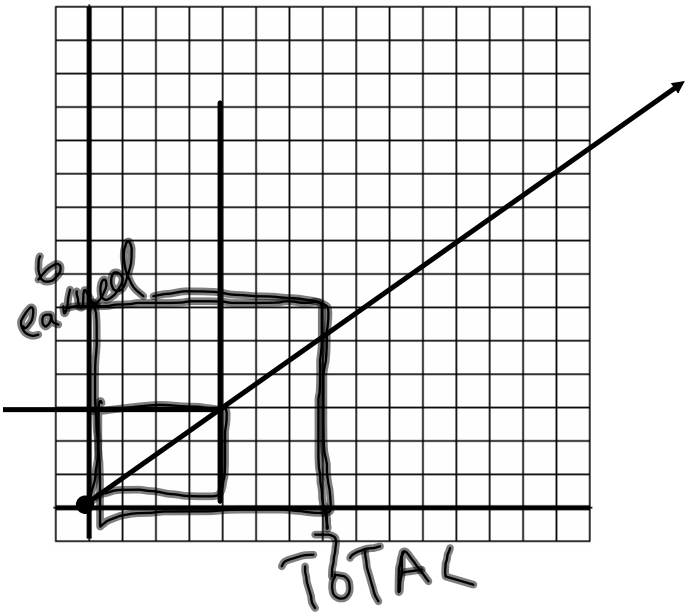
$$7x = 7.5(4)$$

$$7x = 30$$

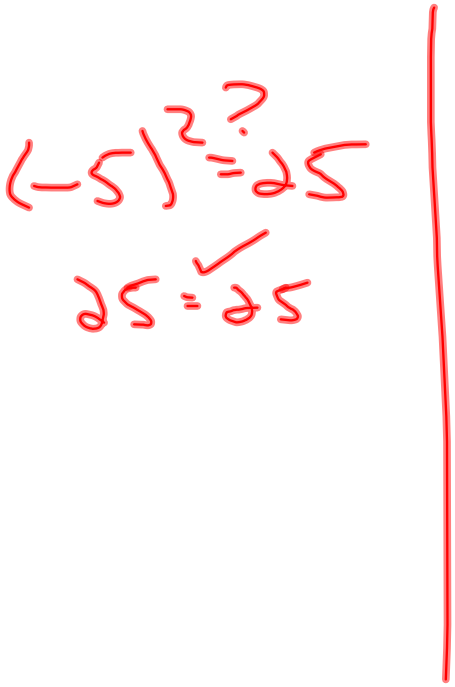
$$x = 30/7 = 4\,2/7$$



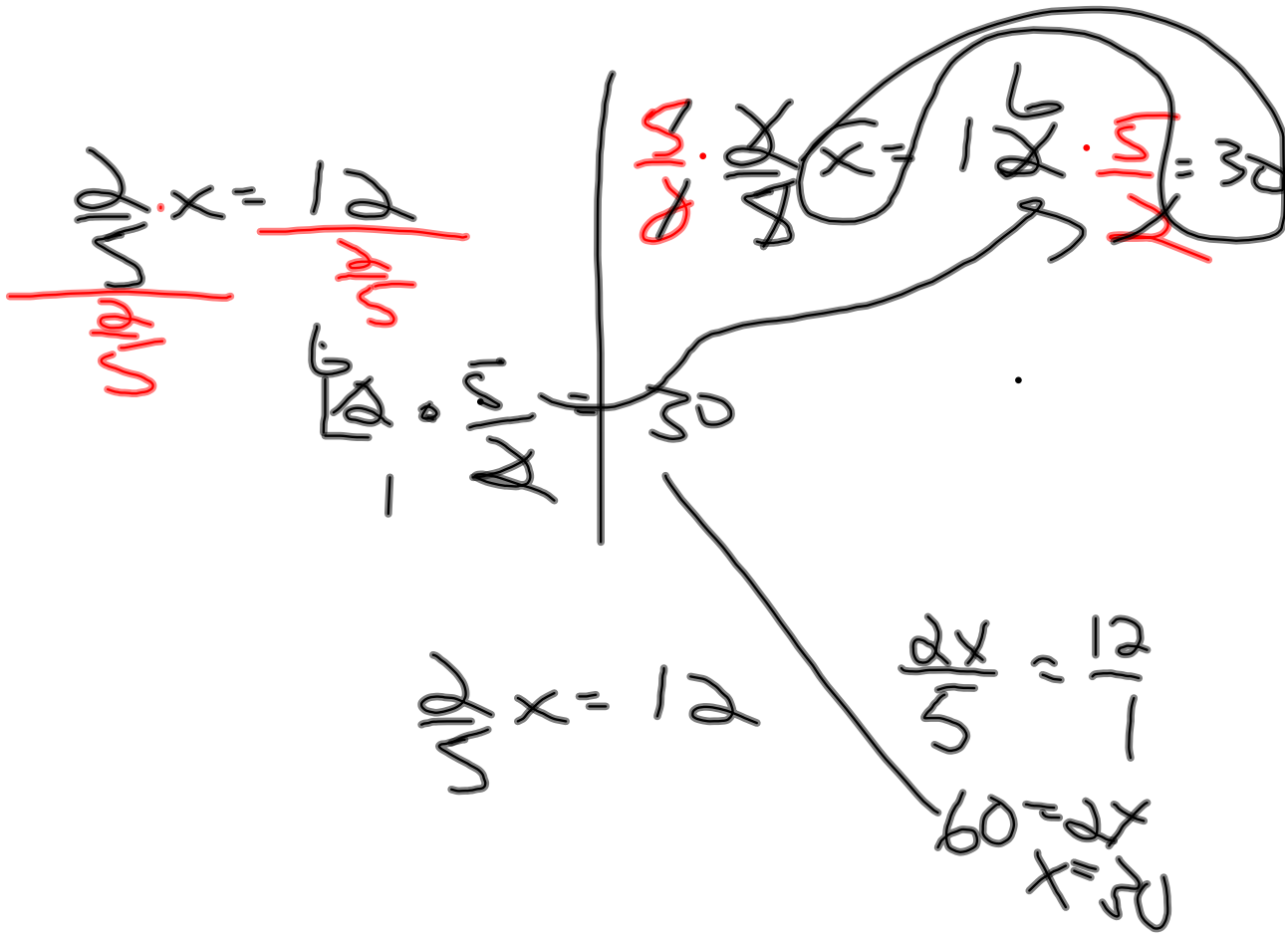
quad 1 15x15 graph paper



quad 1 15x15 graph paper



Sep 14-1:06 PM



Sep 14-1:38 PM

Solving Eqs

1. Distribute
2. CLT □ CLT
3. "Get" all variables on one side
4. Undo all add/sub w/ the opp.
5. Undo all mult/div w/ the opp

Sep 14-2:04 PM

② CLT □ CLT

③ "Get" all variables on one side

$2x+4+10x=5$

$12x+4=5$

$2x+4=10x+5$

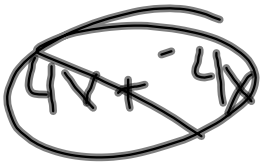
$-2x \quad -2x$

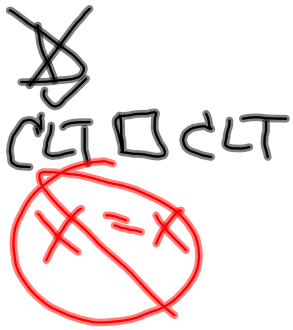
$4=8x+5$

1. $2x - 12 + 4x = 3x + 3 + x$

Directions: Please solve for the unknown in the following equations. If there is no solution, please indicate so by stating "null set".

1. $2x - 12 + 4x = 3x + 3 + x$





$6x - 12 = 4x + 3$

$-4x \quad -4x$

$2x - 12 = 3$

$+12 \quad +12$

$2x = 15$

$\frac{}{2} \quad \frac{}{2}$

$x = 7.5$

Sep 14-2:17 PM