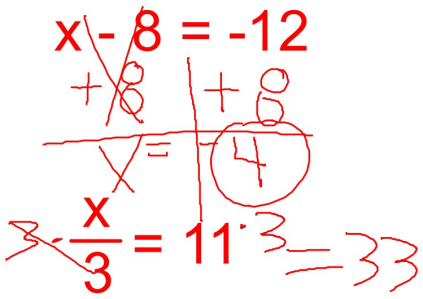
Syllabus & Survey Due today!

MDI - Solving equations (one step)



Solving Equations Review (Day 2)

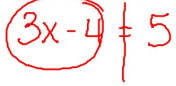
Learning Intentions: I understand the steps used to solve one-variable equations using inverse operations.

Success Criteria: I can solve one-variable equations with 80% accuracy on an exit ticket.

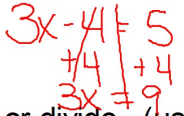
RECALL..... Goal: Isolate the variable (get it by itself)

Example: $3x - 4 = 5$

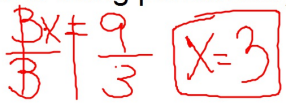
1. Start on the side that has the variable.



2. Add or subtract. (Use the inverse operation of the one that is in the problem)



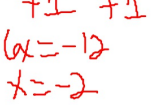
3. Multiply or divide. (use the inverse operation of the one that is being performed.)



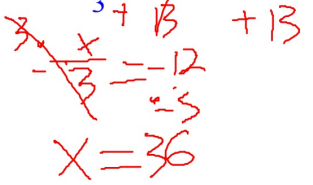
TWO-Step Equations

Examples: Solve the following equations on your own. When you have finished, compare your answer to your table partner.

1. $6x - 1 = -13$



2. $-\frac{x}{3} - 13 = -25$



Classwork/Homework:

Equation Review #1 Wkst

Due tomorrow!

Reminders:

1. Do order of operations in reverse

2. Keep the signs the same when multiplying and dividing (-6x = 36 means you divide by -6; and 6x = 36 means you divide by +6)

Exit Ticket: Solve for x

1. $-6x = -24$

2. $5 + 2x = 11$