Warmup 11/(\# of letters in "six" • 2)
***Please look inside your desk and clean it out!!!**
${ }^{* * *}$ Make sure there is a whiteboard, marker, and eraser in your desk.***
Solve the equations:
TUESDAY: Distributive property equation

- WEDNESDAY: Story Problems
- THURSDAY: Equations Quiz

THIS WEEK

- TODAY: More equations with variables on both sides
) $-4 x+8=2 x-40$



2 variable terms on the SAME SIDE:

- Combine like terms
- 2 variable terms on OPPOSITE SIDES:
- "Get rid" of one of them: add or subtract the x's on both sides the same way you do with regular numbers

Some for your notes:

## SOLVE AND CHECK:

$-3 x+31=2 x+6$


## SOLVE

$-5 x+10-3 x=12-4 x-44$
Fractions?!?!?
SOLVE
$-32+\frac{2}{3} x=\frac{7}{3} x+3$


| Whiteboards |
| :---: |
| $-x-11=-3 x+7$ |
| $x=9$ |
| Early finishers: Check your <br> answer! |



$$
2 x+7=5 x+35
$$

$$
x=-\frac{28}{3} \text { or }-9 \frac{1}{3}
$$

Early finishers: Check your answer!


## Whiteboards <br> $$
\begin{gathered} 15-\frac{1}{6} x=\frac{1}{6} x-1 \\ x=48 \end{gathered}
$$

Early finishers: Check your answer!

HOMEWORK

- Finish Equations Workhseet

