

# HR STUDENTS – DO THIS NOW! (SCHEDULE FOR YOUR PARENTS FOR OPEN HOUSE)

Please fill out a notecard like so. For each class, remember to put the room number as well.

**NAME GOES HERE**

2<sup>nd</sup> Period: \_\_\_\_\_

Related Studies: \_\_\_\_\_

3<sup>rd</sup> Period: \_\_\_\_\_

4<sup>th</sup> Period: \_\_\_\_\_

6<sup>th</sup> Period: \_\_\_\_\_

## Room Numbers:

Lischwe – 124

Collier – 126

England/Allen – 127 (will both be in England's classroom)

Poe – 128

Sheran – 131

Taylor (French) – Library

Latin – Library

Band – Band room

Strings – Strings room

Drama – Drama room

Art – Art room

Computers – Computers Room  
(upstairs)

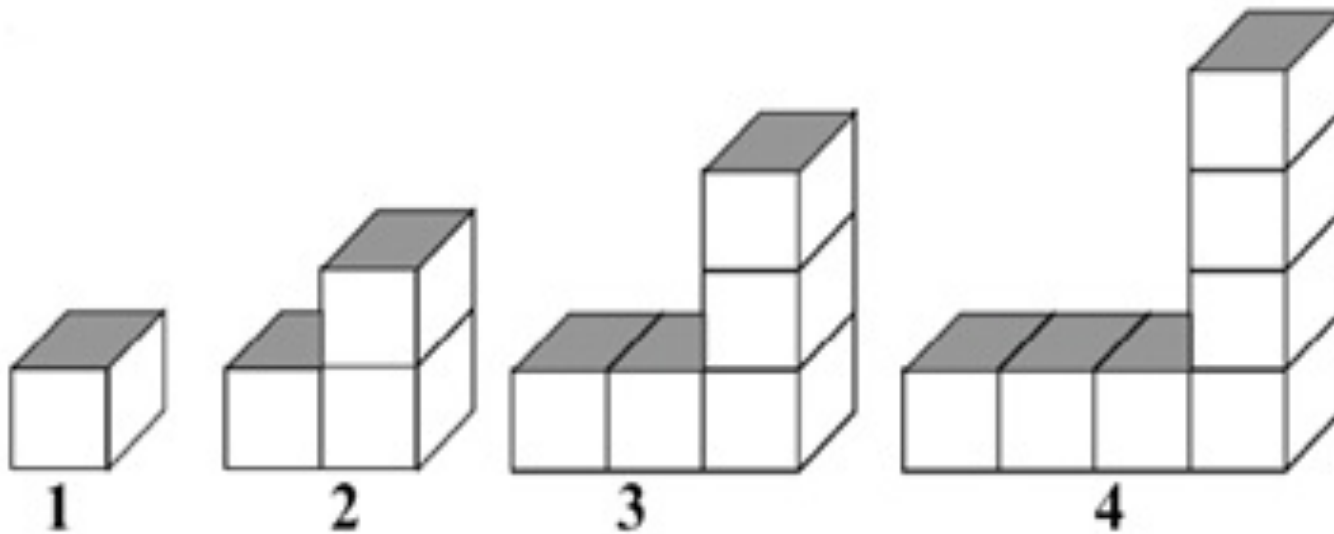
PE – Gym

# WARMUP 8 / (THE NUMBER YOU ARE SCARED OF IF YOU HAVE "TRISKAIDEKAPHOBIA")

Created by Mr. Lischwe

**\*\*\*Everybody needs a whiteboard, marker, & eraser from the whiteboard cabinet. This is not for the warmup – it's for later on!\*\*\***

**Answer #1, #2, and #3 under "Tuesday" on your warmup page.**



# CHECK: PINK EQUATIONS WORKSHEET

## How to grade homework

Always use a different color than the one you used to do the assignment.

If there are parts a, b, c, etc., count each letter as a separate problem.

To use the rubric, look at the “mistakes” column. How many did you get wrong?

Look at the “showed work” column. How much of your work did you show? (Use common sense here. Some problems obviously don’t need work to be showed. If a problem asks you to explain, this is the same thing as showing work)

Look at the “#s skipped” column. Did you completely skip any problems?

Each of these columns gives you a score. **Which ever of these scores is the lowest is your score for the assignment.** Write this at the top in color and circle it.

# ADD TO YOUR TABLE OF CONTENTS...

## Table of Contents

Simplifying & Interpreting Expressions

p.1

**Solving Equations**

**p.2**

**Label your first BLANK page after the  
guided notes “Solving Equations”!**

# WHENEVER WE TAKE NOTES...

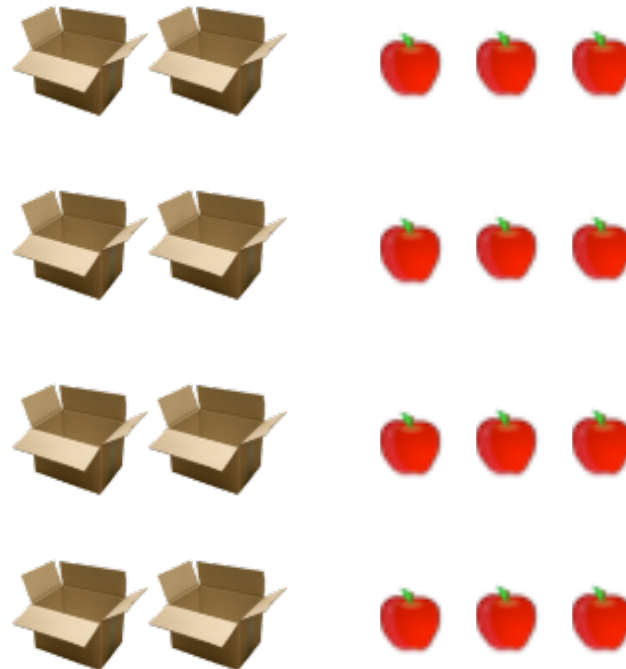
Anything written in **RED** is something you must write down.

Anything else is your choice – write it if you feel like it would be useful!!!

# A VISUAL WAY TO UNDERSTAND THE DISTRIBUTIVE PROPERTY:

$$4(2x + 3)$$

Q: How would I show it with boxes and apples?



**(4 groups.  
Each group  
has  $2x + 3$ .)**



## **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 variables on both sides the same way you do with constant terms

JUST WATCH!

$$\textcircled{5x} + 4 + \textcircled{2x} = 25$$

$$\begin{array}{r} 7x + 4 = 25 \\ -4 \quad -4 \\ \hline \end{array}$$

$$\frac{7x}{7} = \frac{21}{7} \quad \boxed{x=3}$$

$$\begin{array}{r} 5x + 4 = 2x + 25 \\ -2x \quad -2x \\ \hline \end{array}$$

$$\begin{array}{r} 3x + 4 = 25 \\ -4 \quad -4 \\ \hline \end{array}$$

$$\frac{3x}{3} = \frac{21}{3} \quad \boxed{x=7}$$



JUST WATCH!

$$\begin{array}{r} 3x - 4 = 2x + 1 \\ \hline \end{array}$$

$$\begin{array}{r} x - 4 = 1 \\ \hline \end{array}$$

$$\boxed{x = 5}$$

# IF YOU KEEP STRUGGLING WITH THESE...

I am always going to go back to the picture. The pictures really help explain why you solve these the way you do!

# WHITEBOARDS

$$3x + 2x = 45$$

$$\frac{5x}{5} = \frac{45}{5}$$

$$x = 9$$

**Early finishers: Check your answer! How do I that?**

# WHITEBOARDS

$$4x = 2x + 18$$

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*-2x*      *-2x*

$$\frac{2x}{2} = \frac{18}{2}$$

$$x = 9$$

**Early finishers: Check your answer!**

# WHITEBOARDS

$$\begin{array}{r} 8x + 4 = 2x + 28 \\ \hline \begin{array}{r} -2x \\ 6x + 4 = 28 \\ \hline \begin{array}{r} -4 \\ 6x = 24 \\ \hline x = 4 \end{array} \end{array} \end{array}$$

**Early finishers: Check your answer!**

# WHITEBOARDS

$$\frac{x}{5} + 2 = 22$$

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$$\frac{x \cdot 5}{5} = 20 \cdot 5$$

$$x = 100$$

Early finishers: Check your answer! How do I that?

# WHITEBOARDS

$$\begin{array}{r} -3x + 16 = x + 20 \\ \hline \begin{array}{r} 16 = 4x + 20 \\ -20 \quad \quad -20 \\ \hline -4 = 4x \\ \frac{-4}{4} = \frac{4x}{4} \\ x = -1 \end{array} \end{array}$$

**Early finishers: Check your answer!**

# WHITEBOARDS

$$\textcircled{2x} + \underline{\underline{9}} + \textcircled{+ 5x} + \underline{\underline{8}} = 24$$

$$\begin{array}{r} 7x + 17 = 24 \\ -17 \quad -17 \\ \hline 7x = 7 \end{array}$$

$$x = 1$$

**Early finishers: Check your answer!**



# WHITEBOARDS

$$5x - 8 = x + 5$$

$$\begin{array}{r} -x \\ \hline 4x - 8 = 5 \\ + 8 + 8 \end{array}$$

$$\begin{array}{r} 4x = 13 \\ \hline \frac{4x}{4} = \frac{13}{4} \end{array}$$

$$x = \frac{13}{4} \text{ or } 3.25$$

**Early finishers: Check your answer!**

# WHITEBOARDS

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

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

**Early finishers: Check your answer!**

**HOMework**

(Due Thursday)

**Worksheet**