Warmup $8/12 - 4 + 6 \div 2$

1) Is the problem in the date correct? If so, explain why. If not, find a way to fix the problem.

NOTE: WE DID NOT GET THROUGH THE ENTIRE LESSON YESTERDAY, SO I AM NOT GOING TO CHECK THE HW WORKSHEET UNTIL TOMORROW!

Equations Worksheet

- 1. $\frac{16}{125}$ 2. 7 3. -27 4. 7
- 5. d = 7
- f = 2.5
 y = 5
- 8. n = 1
- b = -2
 A = Al's Age; 2A + 15 = 45
 Al is 15.
- FOR THE THINKERS: 14



 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

Let's Check it Out!

- 5x 4 = 2x + 8
- How could we solve this?
- How can we check our work?
- What is another way we could solve this?
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ON A GIANT WHITEBOARD:

- Rows A&D: Solve by getting rid of the "4x" first
- Rows C&F: Solve by getting rid of the "15" first
- Row B: Solve by getting rid of the "-2x" first
- Row E: Solve by getting rid of the "3" first

4x + 15 = -2x + 3

WHITEBOARDS

 +1 point if each person has a whiteboard, marker, & eraser and everyone is seated in under 1 minute!



$$3x - 15 + 7x + 3 = 2x + 4$$

x = 2

Distributive Property Time! 24 = 4(x + 2)x = 4 Distributive Property Time!

$$6 = -3(x + 2)$$

x = -2

x = -5

Distributive Property Time! 24 = 6(-x - 3)x = -7



The sum of two consecutive numbers is 87. What are the numbers?

 In 16 years, Lilly will be 5 times as old as she is now. How old is Lilly now?



If Ms. Martin wants to put new