

Problem of the Day: Simplify.
 a. $4 \cdot -7$ b. $-6 - -5$ c. $-24 / -6$

Plan for the Day: Introduce the weekly homework
 Practice integer quiz - real ones start Monday!
 Finish notes on solving one-step equations
 More practice with solving one-step equations
 Objective: We will be able to solve one-step equations.
 Today is National Sponge Cake Day!!

7.

A pyramid of 10 boxes. The bottom row has 4 boxes with numbers 2, 5, 8, 1. The second row has 3 boxes with numbers 7, 13, 9. The third row has 2 boxes. The top row has 1 box. To the right are three vertical columns of red dots. The first column has 3 dots, the second has 2 dots, and the third has 5 dots.

Example 1: $x + 3 = 5$ Example 2: $x - 7 = 8$

Example 3: $-2 + x = 9$
 $-2 + 11 = 9$
 $9 = 9$
 $x = 11$

Example 4: $x + 4 = -1$
 $-5 + 4 = -1$
 $-1 = -1$
 $x = -5$

Example 5: $3x = 15$
 $3 \cdot 5 = 15$
 $15 = 15$
 $x = 5$

Example 6: $-1x = 8 \cdot 2$
 $-1 \cdot -16 = 8$
 $8 = 8$
 $x = -16$

Example 7: $x \div 2 = 9$
 $\frac{18}{2} = 9$
 $9 = 9$
 $x = 18$

Example 8: $x \div -4 = 1$
 $\frac{-4}{-4} = 1$
 $1 = 1$
 $x = -4$

$x = 7$	$x = 6$
$x + 4 = 2$	$x = 5$
$x + 3 = 6$	$x + 6 = 1$
$x = 3$	$x = -5$
$x + 4 = 2$	$x = 8$
$x = 15$	$x - 8 = 2$

Puzzle Grading-

Completed first time, no mistakes	100%
Completed second time	90%
Completed third time	80%
Worked on it, but did not finish	70%
Did minimal work	50%