

# Creating Linear Expressions

February 22/23, 2017

Mr. Collin



# Announcements

- I will be here after school today for extra help
- I will not be available after school next week
- Tests need to be made up by end of day Friday



# With a Partner

- You will work with a partner on a Chromebook
- Get a Chromebook and visit the following URL:
- <http://www.collinmath.com/Lessons/blocks.php>

# **The Distributive Property**

**February 24, 2017**

**Mr. Collin**



# Warmup

Write an expression for each sequence shown:

1) 8, 10, 12, 14, 16, ...  $2n + 6$

2) 3, 7, 11, 15, 19, ...  $4n - 1$

3) 10, 15, 20, 25, 30, ...  $5n + 5$



# Trade and Grade

- If you received a stamp, you will trade your homework with the person sitting next to you (or someone else near you)
- When you get another person's homework, write your name in the "Corrected By" line at the bottom



# Trade and Grade

1) 26, 30, 34

2) 3002

3) 15, 13, 11

4) 13

5) 17

6) 24

7) -16

8) 16

9) 1

10) -4



# Trade and Grade

- If six or more answers are correct and there is a stamp on the page, write “4” in the score box
- If five or fewer answers are correct, then write “2” in the score box





# The Distributive Property

Let's imagine we want to simplify the following:

$$3(x + 2)$$

	$x$	$2$
$3$	$3x$	$3 \cdot 2$



# The Distributive Property

- The distributive property means that:

$$a(b + c) = ab + ac$$