2-4 and 2-5
Multiplying and Dividing Integers

Aug 6-8:57 AM

2(3) =   -5(4) =

6(-3) =   -4(-8) =

positive • positive =

negative • negative =

positive • negative =

Aug 6-8:58 AM

15/3 =

6 / -3 =

-30 / -10 =

positive ÷ positive = $+$

negative ÷ negative = $+$

positive ÷ negative = $-$

Aug 6-9:03 AM

What if we are multiplying more than 2 numbers?

a = 7(-6)(-12) $= 504$

$(-2)(-5)(-3)(-4)(-7) = -$

Z = 50(-4)(2) $= -$

X = (-42)(-12)(-1)(-2) $= +$

*Careful! This rule only works if there is only multiplication and/or division!

Aug 6-9:33 AM

-2(9m)
$-18m$

May 19-1:18 PM

-3a(7b)
$-21ab$

May 19-1:19 PM

-6f(-4d) $= 24fd$

$24df$

May 19-1:19 PM

Evaluate if a = -8, b = 4, and c = -16

72÷a   bc÷a

$72 ÷ -8$

-9

Aug 6-9:37 AM

To find the average of a set of numbers:

1. Add all the numbers.

2. Divide by how many numbers there are.

Find the average football yardage:

+11 yds, +6 yds, -10 yds, +7 yds, -9 yds

Aug 6-9:39 AM

Bank balances:

The last 5 transactions at Mr. Brigham's ATM were $475, -$350, $220, $400, -$550. Find his average balance.

Aug 6-9:46 AM

Temperature

Charlie Shortino predicted the following temperatures for next week. What will be the average temperature?

-9° c, -12° c, 9° c, 4° c, -2° c

Aug 6-9:46 AM

The table shows the deepest point of each of the Great Lakes.
What is the mean of the deepest Points of the Great Lakes?

Great Lake	Deepest Point (m)
Erie	−64
Huron	−229
Michigan	−281
Ontario	−244
Superior	−406

Suppose each of the deepest points were 10 meters higher. Predict how this will effect the mean. Compare the new mean to the original.

Apr 29-7:40 AM

Jerry owns 20 shares of stock valued at $23 each. One day, the price of the stock rose $2. It fell $1 on each of the next three days. The stock price rose $4 on the next day. What was the average gain or loss for a share of the stock over this time period? What was the total value of Jerry's stock at the end of this time period
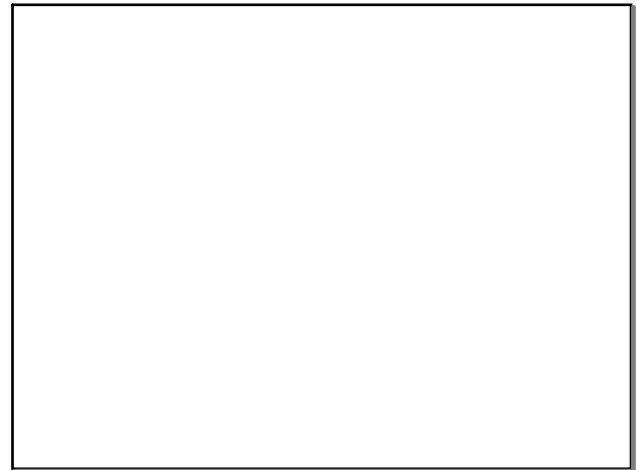
May 27-11:14 AM

INTEGER WAR

Aug 6-9:48 AM

Quiz Tomorrow!!!

Homework: page 86 (22-32 even)
                    page 93 (22-32 even)

Sep 3-11:05 AM

Sep 14-8:41 AM