

Notes 1-4

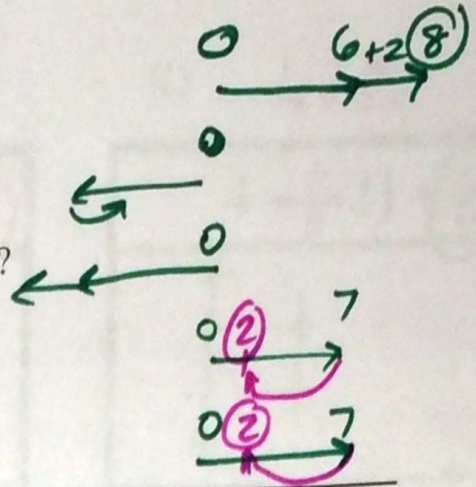
Int 1

Subtracting Integers

Unit 1

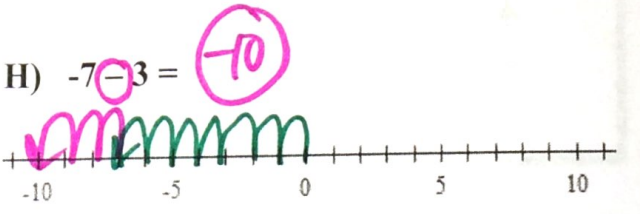
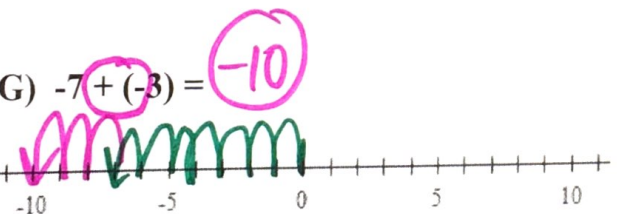
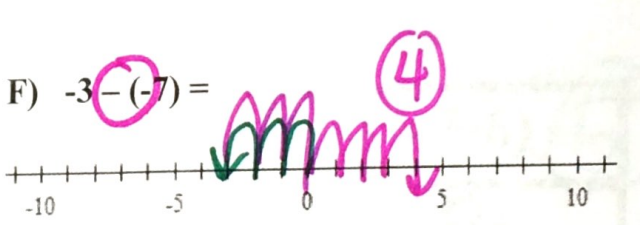
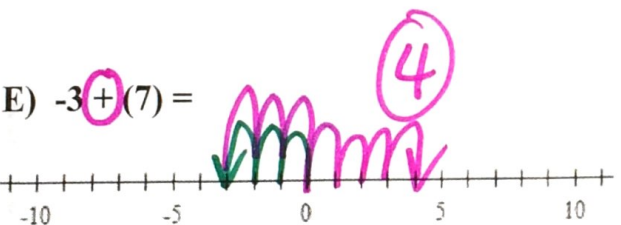
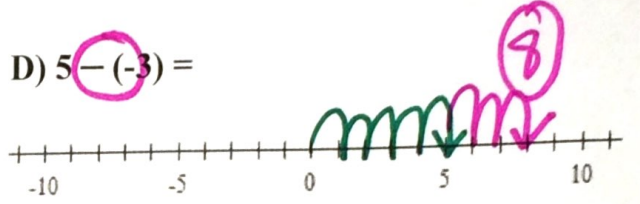
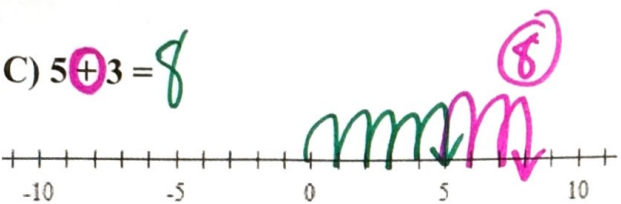
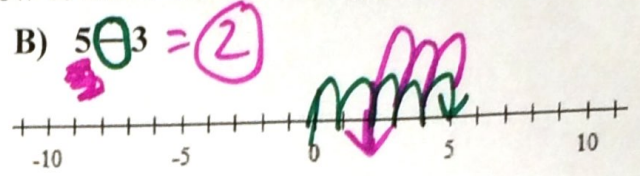
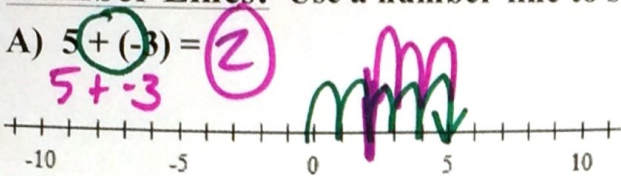
Answer the following questions:

1. What directions would $6 + 2$ move on a number line?
2. What directions would $-6 + 1$ move on a number line?
3. What directions would $-9 + (-3)$ move on a number line?
4. What directions would $7 - 5$ move on a number line?
5. What directions would $7 + (-5)$ move on a number line?



Subtracting Integers

Number Lines: Use a number-line to show how to solve the following problems:



What did we learn?

$- (-) = +$ subtracting a negative is the same as addition
 $+ - = -$ adding a negative is the same as subtract

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Chip Boards (Neutralization):

I)

$4 - 2 = 2$

J)

$2 + -4 = -2$

$2 + -4 = -2$

K)

$4 + 2 = 6$

$4 + 2 = 6$

Zero Pair:

L)

$-4 + 2 = -2$

$-4 + 2 = -2$

M)

$-7 + -4 = -11$

$-7 + -4 = -11$

N)

$-1 + 6 = 5$

$-1 + 6 = 5$

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Int 1

Subtracting Integers

Unit 1

Battle or Recruit *ONLY WORKS for Adding*

$$- = +^- \quad -(-) = +$$

P) $-8 + 20 = -28$

Q) $-8 + 20 = 12$

R) $-7 + 4 - 3 = -6$

Practice:

S) $25 + 19 = 44$

T) $-30 + (-16) = -46$

U) $-45 - 10 = -55$

V) $-25 - 19 = -44$

W) $15 + 27 = 42$

X) $-5 + 9 = 4$

-44

-12

4

$15 + -27$