

Date

AGENDA


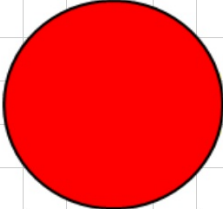
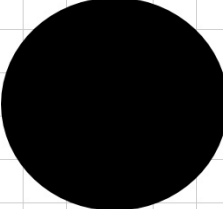
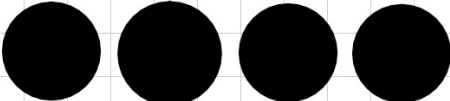
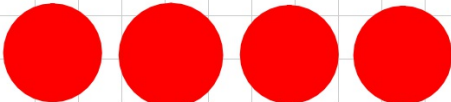
- WARM-UP
- Copy Hw in agenda
- Integers
 - chips
 - examples
 - notes
 - practice
- EXIT TICKET

Warm Up

Page

Answer each question with a complete sentence. Then give an example.

1. What happens when you add two negative numbers?
2. What happens when you add two positive numbers?
3. What do you do when adding a positive with a negative value?


<p>Topic: Subtracting Integers</p>	<p><u>Lesson Essential Question</u> What methods can we use to subtract integers?</p>	
<p>Chip Method a.k.a. Plus/Minus</p>	<p>remember to make </p>	<div style="text-align: center;">   </div> <p> represents _____</p> <p> represents _____</p>

In order to subtract integers using chips...


Create zero pairs for the value you want to subtract.

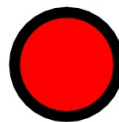
Example1: $2 - (-1) =$ 



Example2: $3 - 4 =$ 

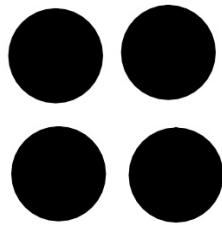


Example3: $-1 - 3 =$ 



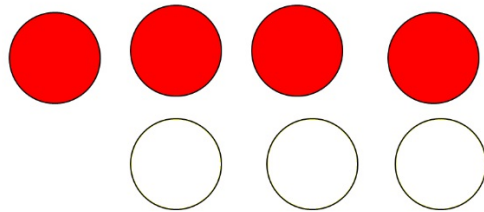
Try These with your Chips

1) $4 - (-2) =$



Now write an addition problem with the same answer.

2) $-4 - 2 = -6$



Now write an addition problem with the same answer.

<p>Topic: Subtracting Integers</p>	<p><u>Lesson Essential Question</u> What methods can we use to subtract integers?</p>
<p>Flowchart Method</p>	<pre> graph TD A["SUBTRACTING Integers"] --> B["same-change-change"] B --> C["Same Sign"] B --> D["Different Sign"] C --> E["ADD"] D --> F["SUBTRACT"] E --> G["Keep the sign"] F --> H["Keep the sign of the greatest absolute value"] </pre>
	<p>Page 19</p>

<p>Topic: Subtracting Integers</p>	<p><u>Lesson Essential Question</u> What methods can we use to subtract integers?</p>								
<p>Flowchart Method</p> <p>What does "Same, change, change" mean?</p>	<p>"Same-change-change"</p> <p>Let's look closer at what this means...</p> <ul style="list-style-type: none"> ○ keep the first value ○ change subtraction into addition ○ change the second value to its opposite ○ then use rules for addition <p>For example:</p> <table border="0"> <tr> <td>$3 - (-4)$</td> <td>$(-8) - (-4)$</td> </tr> <tr> <td>$3 + 4$</td> <td>$-8 + 4$</td> </tr> <tr> <td>$-5 - 9$</td> <td>$6 - 7$</td> </tr> <tr> <td>$-5 + 9$</td> <td>$6 + -7$</td> </tr> </table>	$3 - (-4)$	$(-8) - (-4)$	$3 + 4$	$-8 + 4$	$-5 - 9$	$6 - 7$	$-5 + 9$	$6 + -7$
$3 - (-4)$	$(-8) - (-4)$								
$3 + 4$	$-8 + 4$								
$-5 - 9$	$6 - 7$								
$-5 + 9$	$6 + -7$								

Subtract the integers.

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$$(-6) - (0) =$$

$$(-7) - (+8) =$$

$$(-5) - (+3) =$$

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

$$(+2) - (+8) =$$

$$(-8) - (-8) =$$

$$(-7) - (+1) =$$

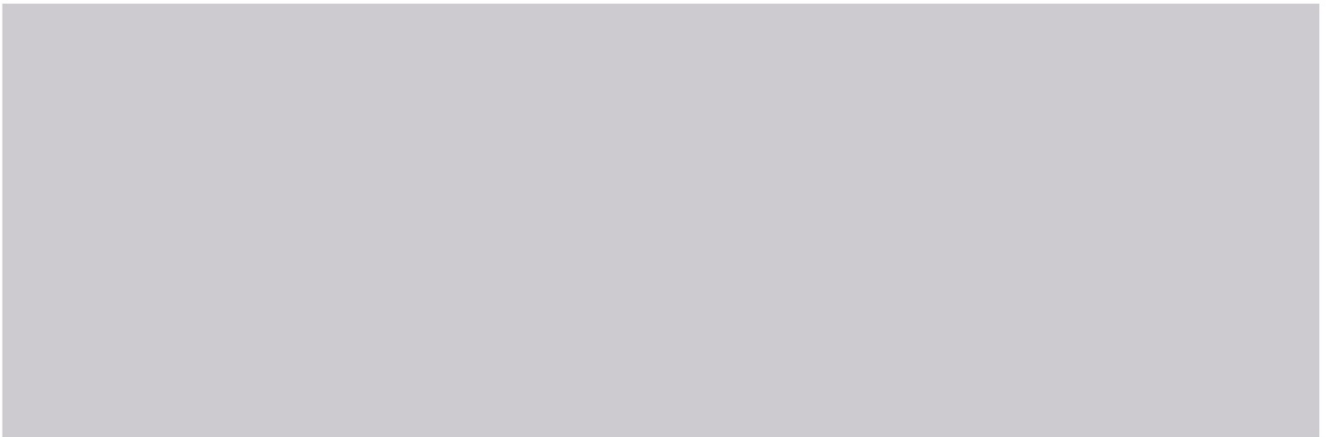
$$(+1) - (+9) =$$

$$(0) - (+8) =$$

$$(+9) - (-6) =$$

$$(-2) - (-6) =$$

$$(+5) - (+3) =$$





1) What phrase helps you remember how to subtract integers?

2) $-7 - (-7)$

3) $4 - (-6)$

4) $-15 - 12$

5) $23 - 9$

HW: <http://bfc.sfsu.edu/PRIME2/The-Chefs-Amazing-Soup.pdf>