

Topic: Adding and Subtracting Integers

Day 2_
What is an integer?

What are the Rules for adding Integers?

Same signs, **ADD** and *keep*
Different signs **subtract**

Keep the sign of the larger digit than you'll be exact!

Modeling_ How do we add integers?

$3 + 3$	$-3 + 3$	$3 + (-3)$	$-3 + (-3)$
- Same signs? - Different sign? - Add/Subtract?	- Same signs? - Different sign? - Add/Subtract?	- Same signs? - Different sign? - Add/Subtract?	- Same signs? - Different sign? - Add/Subtract?

Okay... Let's take this all in.....

If the signs are the same we _____

If the signs are different we _____

Practice Makes Perfect!

$8 + 8$	$-1 + -1$	$6 + 12$	$-6 + -12$
- Same signs? - Different sign? - Add/Subtract?	- Same signs? - Different sign? - Add/Subtract?	- Same signs? - Different sign? - Add/Subtract?	- Same signs? - Different sign? - Add/Subtract?

<p>$-10 + 5$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$5 + -10$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$7 + -2$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$-7 + 2$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?
<p>$11 + 8$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$-10 + 9$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$-17 + (-14)$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$-13 + (-6)$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?
<p>$-4 + 0$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$19 + -17$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$-15 + 20$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$-22 + -30$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?

<p>$-45 + 15$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$17 + -18$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$-19 + -3$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$-26 + 5$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?
<p>$-21 + 8$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$-17 + 23$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$10 + (-10)$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?	<p>$-45 + 17$</p> <ul style="list-style-type: none">- Same signs?- Different sign?- Add/Subtract?