

Lesson 3: Subtraction
Integers

Sept 1st, 2022

Subtraction of 2 Integers w/ 2 Adjacent Negative Signs
(directly beside)

(with)

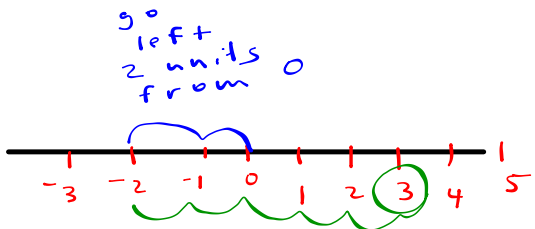
ex. i) $-2 - (-5)$

ex. ii) $-2 - 5$

Evaluate:

$$-2 - (-5)$$

$$-2 + 5$$



you do 3.1.a)

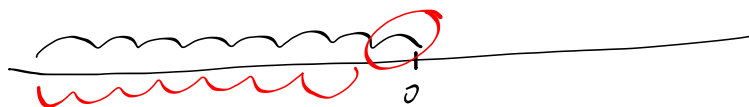
step i. Rewrite as Addition by evaluating signs

law of signs: for adjacent signs / x / o

law of signs		
+	+	= +
-	-	= +
+	-	= -
-	+	= -

step ii Add the 2 integers using # line

Ex 3.1 b) sub	add	Sign of sum	Cal value
$-5 - (-9)$	$-5 + 9$	+	4
$-8 - (-7)$	$-8 + 7$	-	-1



Subtraction of 2 Integers

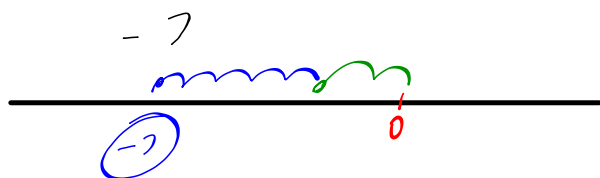
with one minus sign in between
2 Numbers

ex i. $-3 + 1$

ex ii. $-2 - 5$

Evaluate:

$-2 - 5$
 $-2 + (-5)$



step 1: Rewrite as addition by expanding the minus with law of signs

$+ + = +$
 $- - = +$
 $+ - = -$

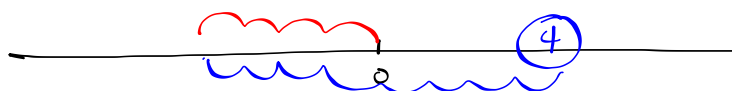
adjacent signs

Do 3.2 a)
 3.2 b)

Ex 3.3

1. $-4 - (-8)$

$$-4 + 8 = 4$$



$5 - 9$

$$5 + (-9) = -4$$

