

AGENDA

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

WARM-UP

What are the **THREE** types of integers?

-
-
-

Tell whether each number is an integer or not:

a) -1

b) 500

c) 1.5

d) $\frac{10}{5}$

e) -1.011

f) π

Topic:
Adding
Integers

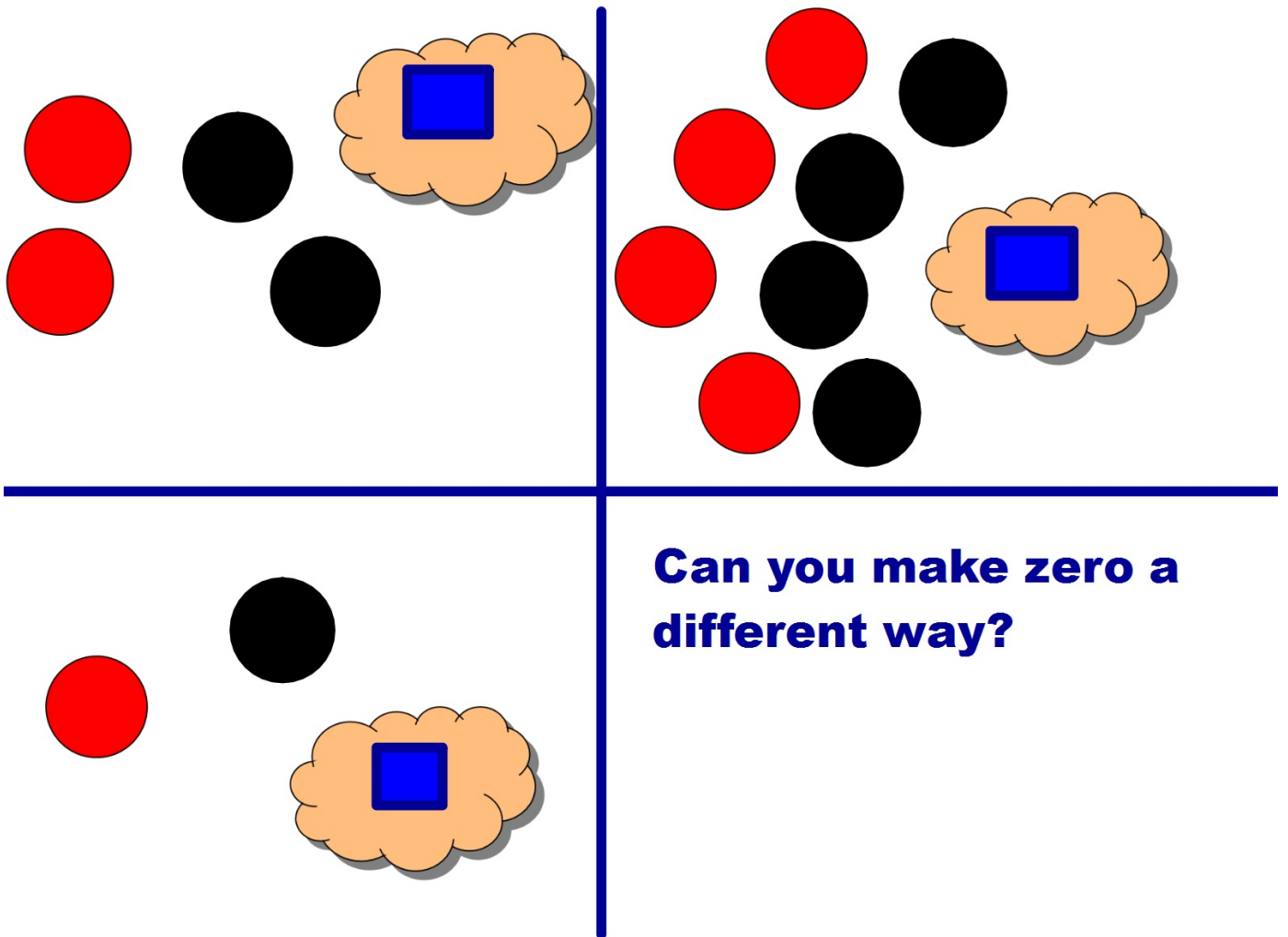
Lesson Essential Question

What methods can we use to add integers?

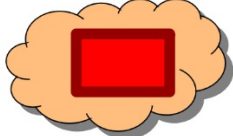
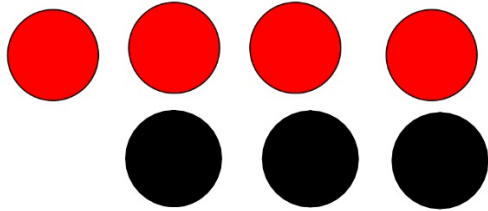
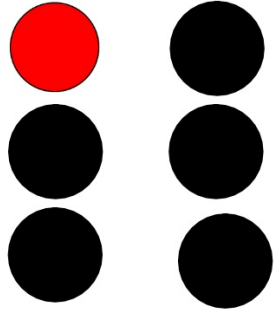
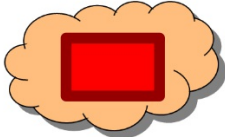


Chip
Method
a.k.a.
Plus/Minus

**Make Zero Pair - one
of each color makes a
zero pair...why?**





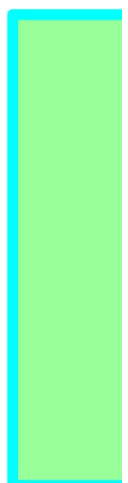
Try These with your Chips

Use Chips to Model and Answer Each

(Record be
your warm

+ 6	2 + -8	-4 + -2
- 7	-6 + 2	5 + -2
+ (-5)	-5 + 12	-8 + -3



Try this:

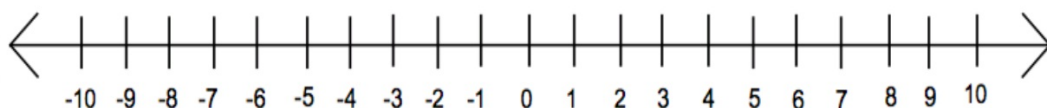
$8 + (-4) + 2 + 5 + (-10) =$

Topic: Adding
Integers

Lesson Essential Question

What methods can we use to add integers?

**Number
Line
Method**



REMEMBER

**NEGATIVE #s
go to the left**

**POSITIVE #s
go to the right**

Examples

$$3 + (-4) =$$

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

$$-5 + 9 =$$

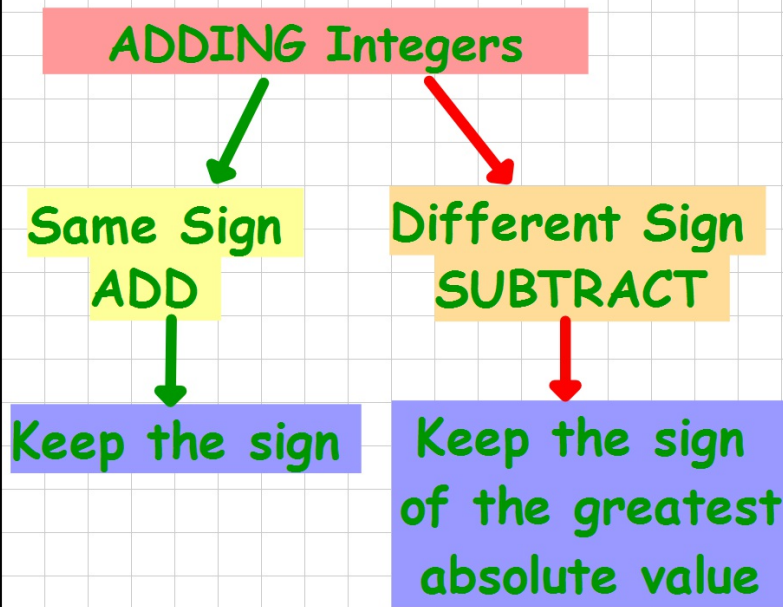
$$3 + -3 =$$

Topic:
Adding
Integers

Lesson Essential Question

What methods can we use to add or subtract integer relationships?

**Flowchart
Method**



- $3 + (-4)$
- $(-8) + (-4)$
- $-5 + 9$
- $3 + -3$
- $5 + 6$

Topic:
Adding
Integers

Lesson Essential Question

What methods can we use to add or subtract integer relationships?

Money
Sense

we can also think of this as money
positive is how much you have!
negative is how much you owe!

EXAMPLE

$$-9 + -3$$

you owe \$9 to her and you owe \$3 to him



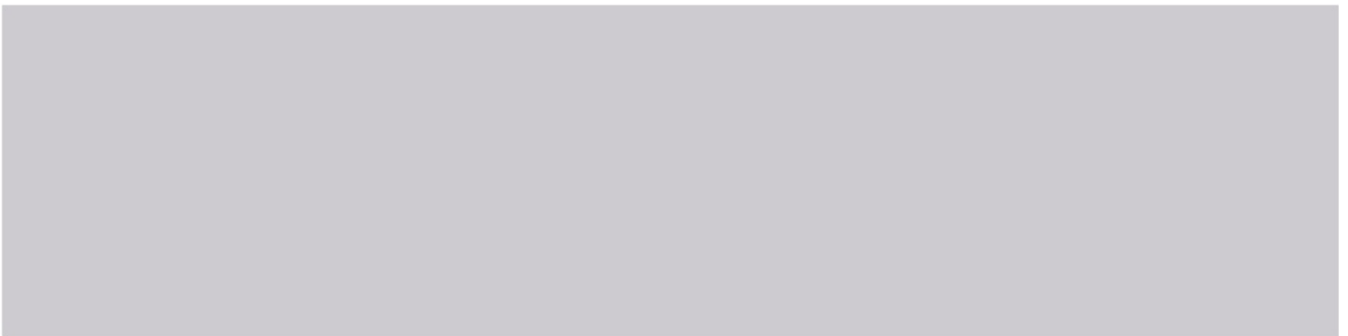
Add the integers.

$$(+2) + (-6) = \square \quad (-8) + (-2) = \square \quad (-4) + (-8) = \square$$

$$(-7) + (-8) = \square \quad (-9) + (+8) = \square \quad (-2) + (-7) = \square$$

$$(-7) + (-9) = \square \quad (+7) + (-4) = \square \quad (+4) + (0) = \square$$

$$(+1) + (-6) = \square \quad (+5) + (-4) = \square \quad (+2) + (-7) = \square$$





1) Give 2 examples of opposite integers?

2) $-7 + (-7)$

3) $4 + (-6)$

4) $15 + -12$

5) $-23 + 9$

HW: Complete Handout

AGENDA

- WARM-UP
- Review Homework
- Integers
 - sign your name
- Homework
 - study for quiz

WARM-UP

Draw a Frayer Diagram for Rational Numbers.

Solve.

a) $-1.6 + 3.2$

c) $\frac{-1}{9} + \frac{4}{18}$

b) $50.4 + (-31.6)$

Hint: You can add rational numbers using the same strategies as integers.

