Negative Numbers

Rules Rule!

By: Brett Taylor- Pinellas County Schools
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Learning Style

- We are going to go rules that, if you learn them, will let you solve problems involving negative numbers.

Learning Style

- We are going to go over some rules that, if you learn them, will let you solve problems involving negative numbers.

- Learning and remembering these rules may take a great deal of practice.

A Little Bit of Knowledge?

- Two negatives make a positive.

A Little Bit of Knowledge?

- Two negatives make a positive.??????????

A Little Bit of Knowledge?

- -2 x -3 =

A Little Bit of Knowledge?

- -2 x -3 = 6 YES

A Little Bit of Knowledge?

- -2 x -3 = 6 YES
- BUT------ -2 + -3 =

A Little Bit of Knowledge?

- -2 x -3 = 6 YES

- BUT------ -2 + -3 = **-5**
- **Two negatives do make a positive BUT *ONLY* when multiplying or dividing!!!!!**

Pretest

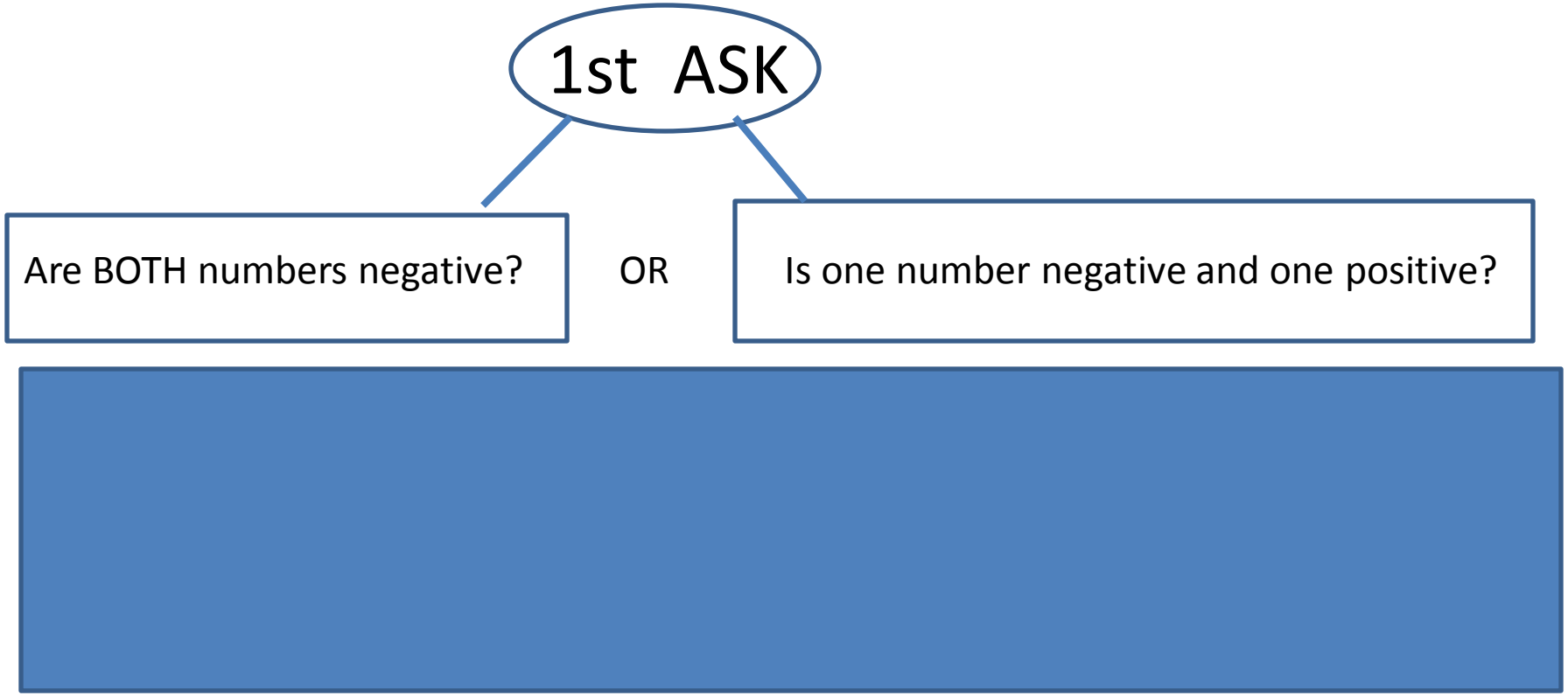
- 1) -3 + -2 =
- 2) -3 x -2 =
- 3) -3 - -2 =
- 4) 5 x -2 =
- 5) -2 + 7 =
- All answers are on the next slide

Pretest Answers

- 1) -3 + -2 = -6
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1
- 4) 5 x -2 = -10
- 5) -2 + 7 = 5
- If you got all these right, you do not need this lesson.

Adding Negative Numbers
"+" Sign Rules

- If there is a "+" sign, follow one of these rules-



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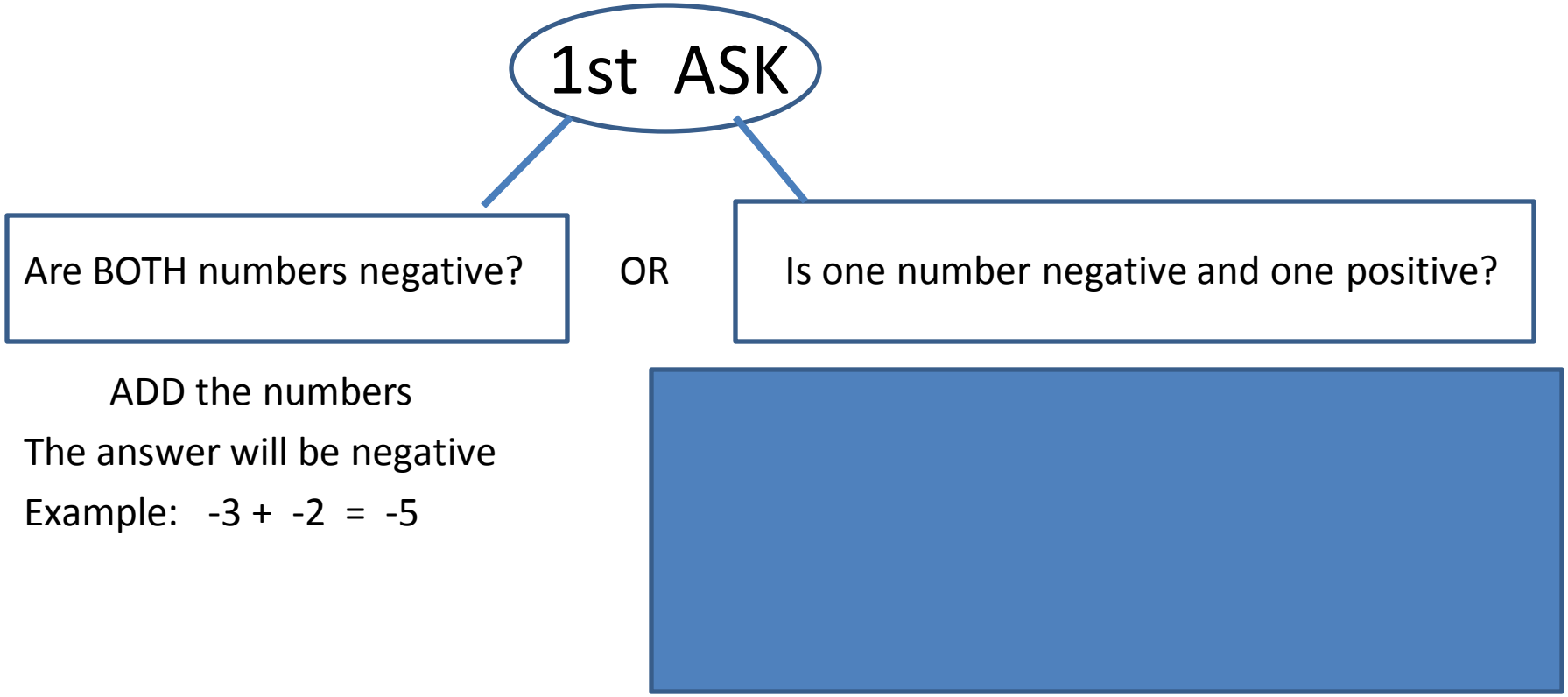

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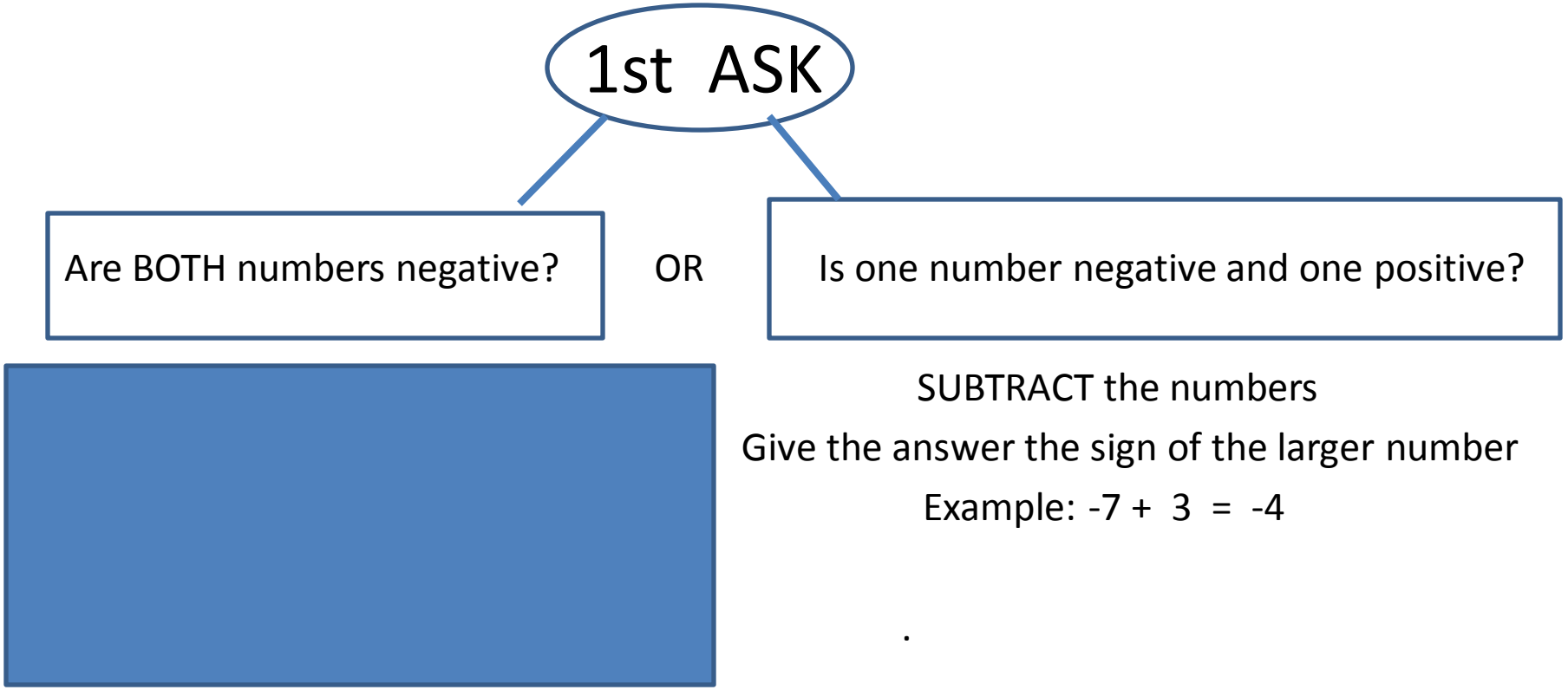

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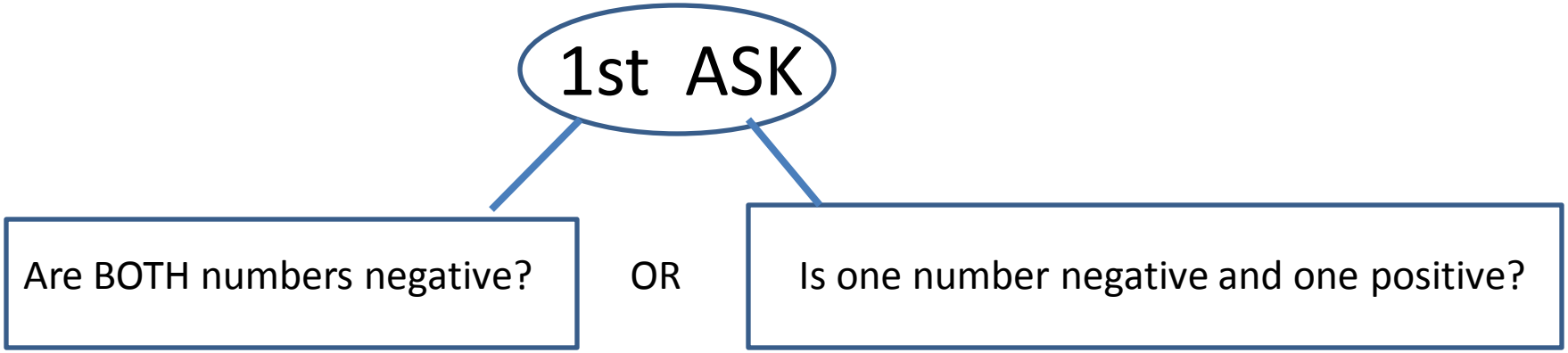

ADD the numbers

The answer will be negative

Example: -3 + -2 = -5

SUBTRACT the numbers

Give the answer the sign of the larger number

Example: -7 + 3 = -4

Let’s Practice!

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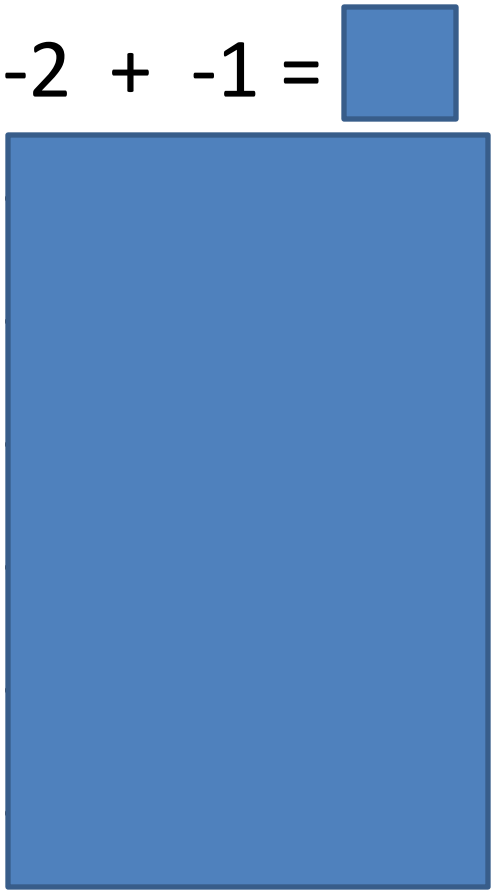
“+” Sign, Rule 1- Are Both Negative? ADD, Stays Neg.

-2 + -1 = 

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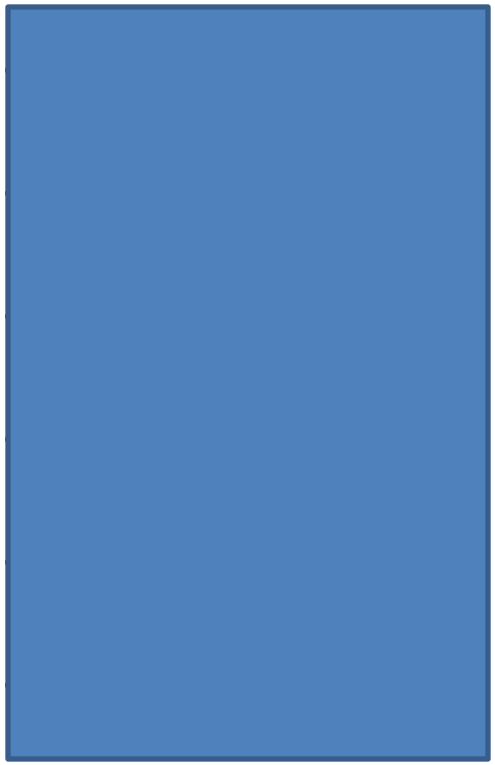

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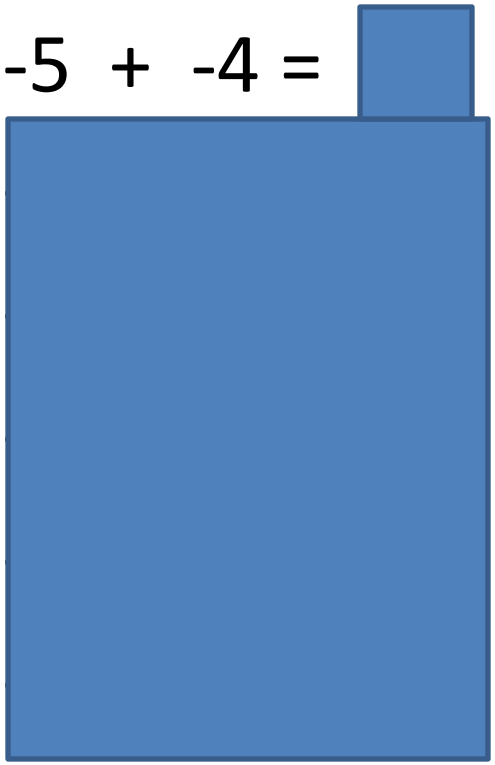

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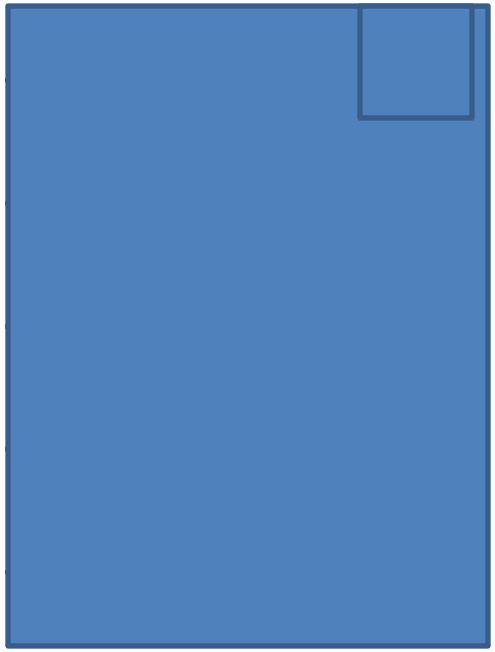
-2 + -1 = -3

-5 + -4 = -9



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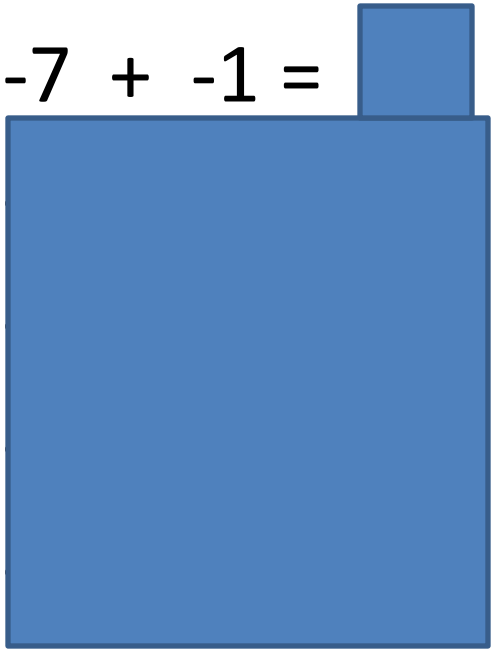
-7 + -1 = 

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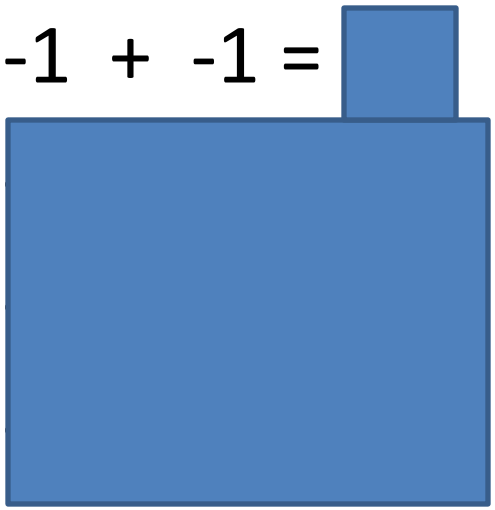
-1 + -1 = 

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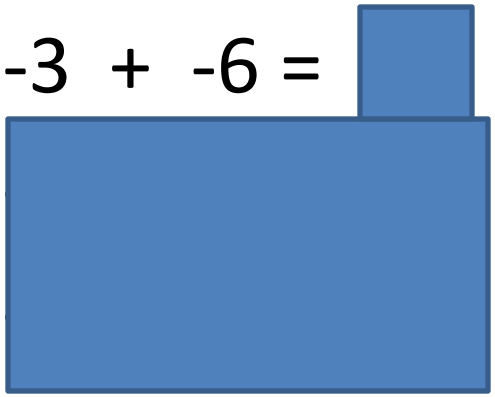
-3 + -6 = 

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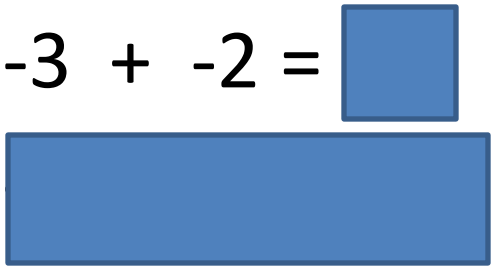
-3 + -2 = 

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-3 + -6 = -9

-3 + -2 = -5

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-1 + -1 = -2

-3 + -6 = -9

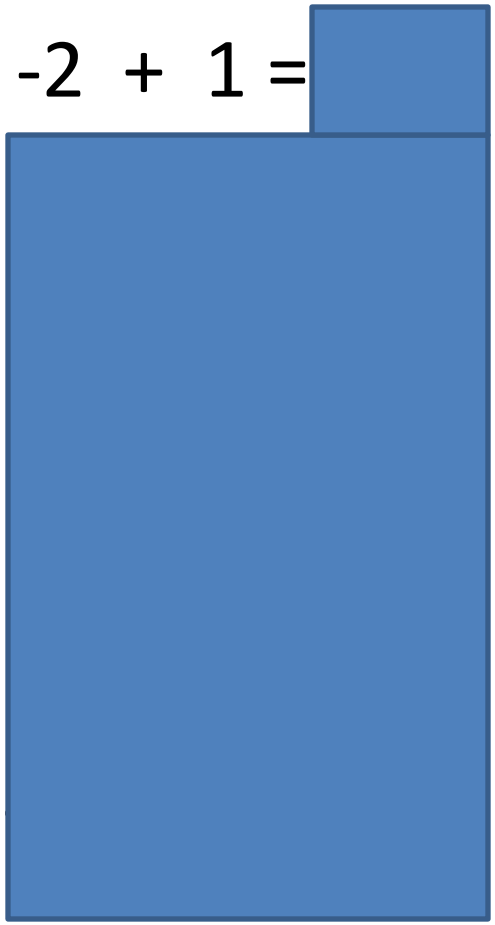
-3 + -2 = -5

-4 + -5 = -9

“+” Sign, Rule 2- Is One Negative, & One Positive?

SUBTRACT, Give sign of larger number to the answer.

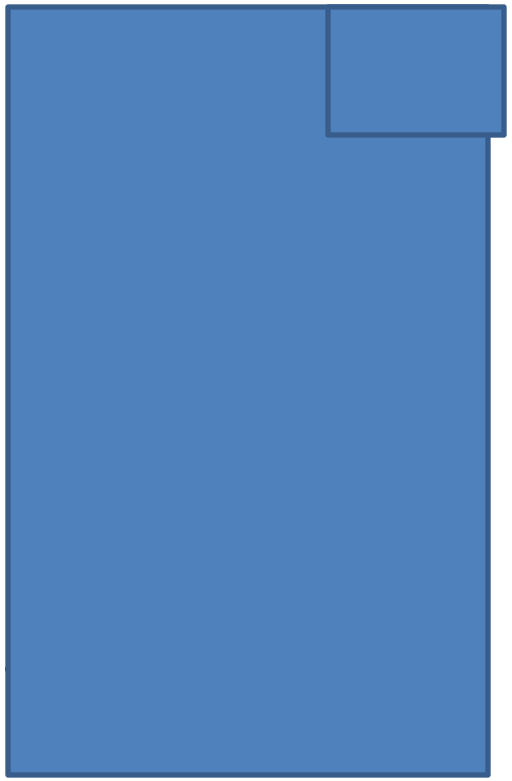
-2 + 1 =



“+” Sign, Rule 2- Is One Negative, & One Positive?

SUBTRACT, Give sign of larger number.

-2 + 1 = -1



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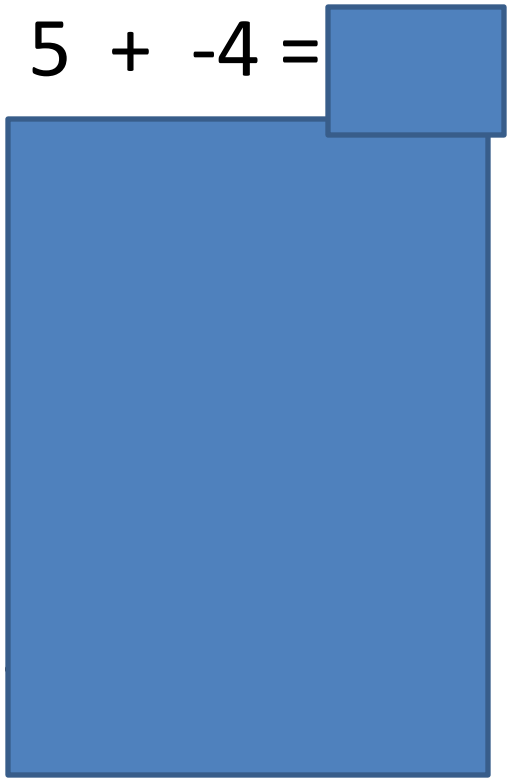

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$-2 + 1 = -1$

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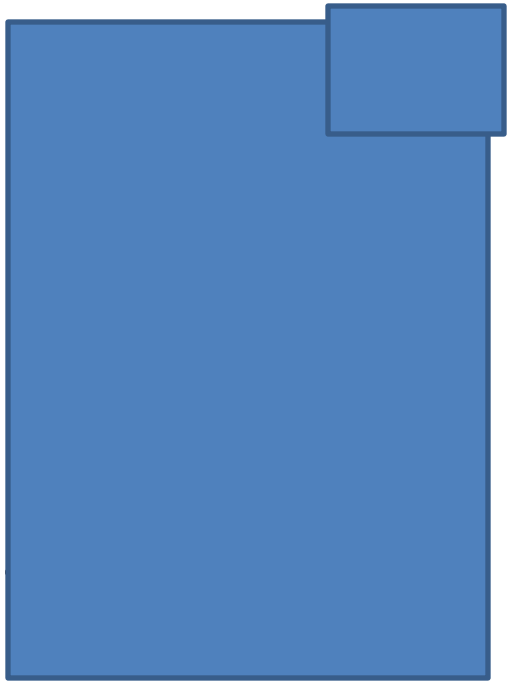

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-2 + 1 = -1

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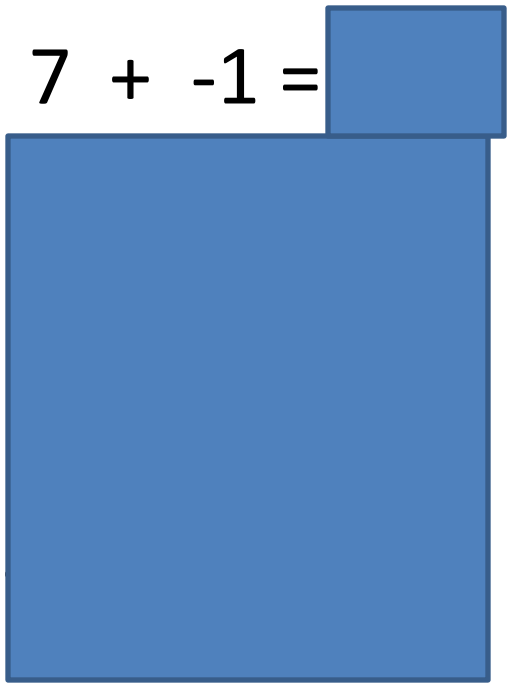
7 + -1 = 

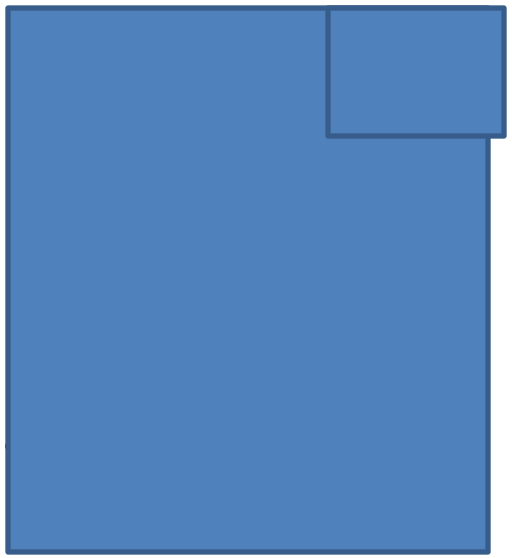
“+” Sign, Rule 2- Is One Negative, & One Positive?

SUBTRACT, Give sign of larger number.

-2 + 1 = -1

5 + -4 = 1

7 + -1 = 6



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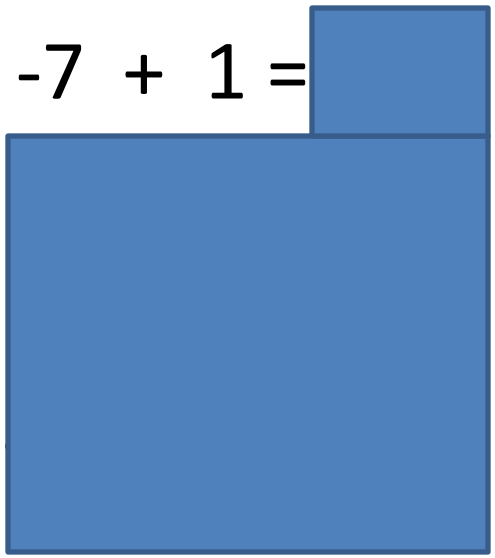
$-7 + 1 =$ 

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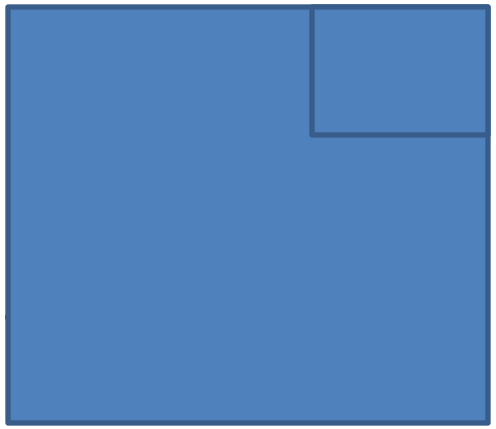

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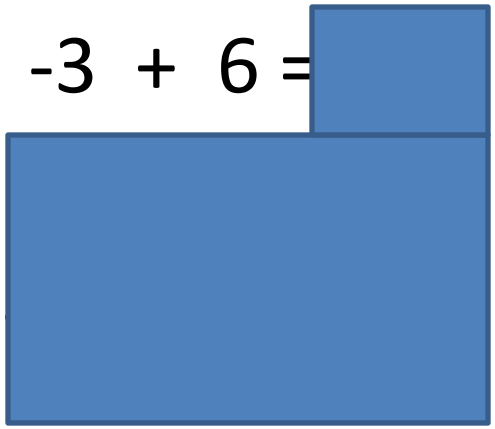
-3 + 6 =



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-2 + 1 = -1

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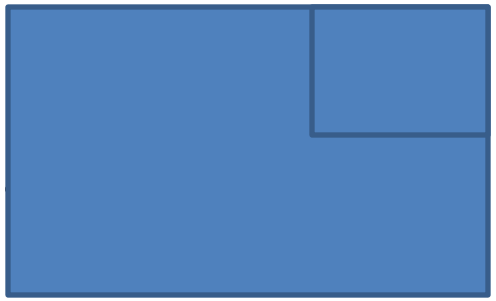
7 + -1 = 6

-7 + 1 = -6

-3 + 6 = 3



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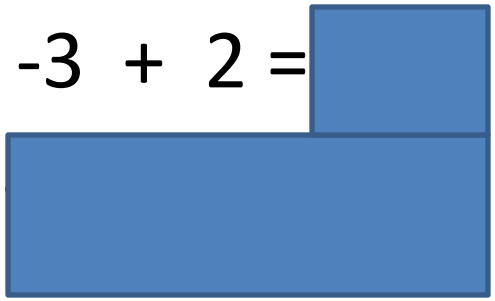
-3 + 2 =



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$$-2 + 1 = -1$$

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$$7 + -1 = 6$$

$$-7 + 1 = -6$$

$$-3 + 6 = 3$$

$$-3 + 2 = -1$$

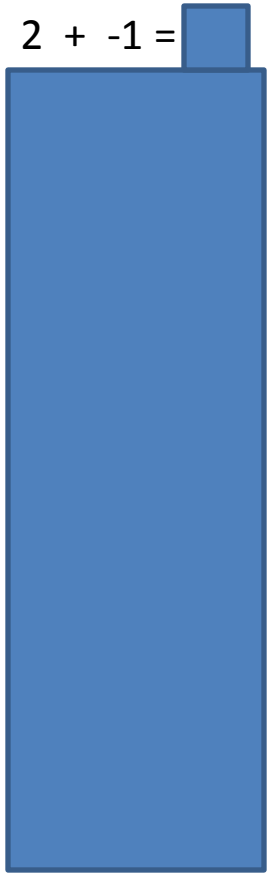
$$-4 + -5 = -9$$

"+" sign rules

Both Neg? ADD, Stays Neg.

One neg/One Pos? SUBTRACT, Give sign of Larger

Let's mix it up.



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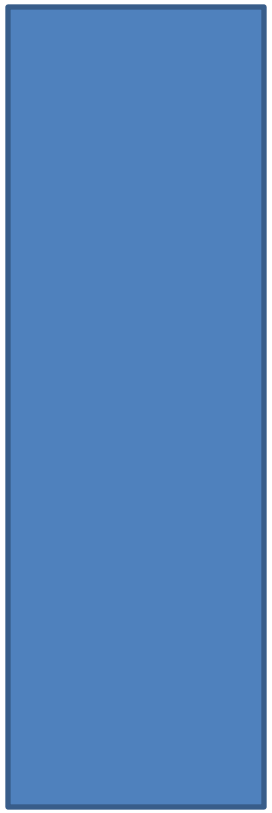

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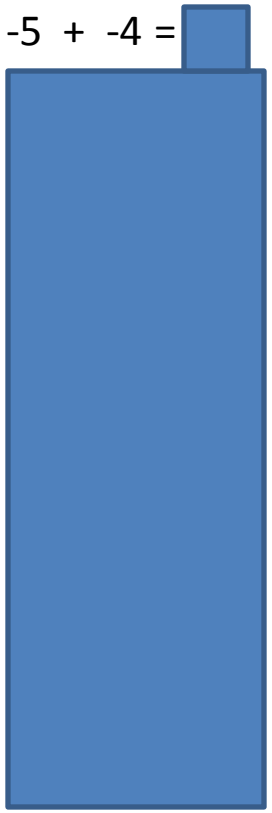
-5 + -4 = 

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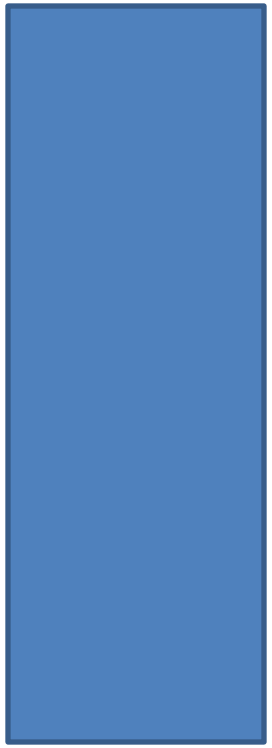

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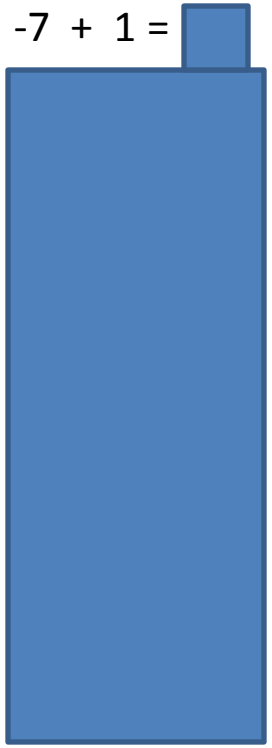

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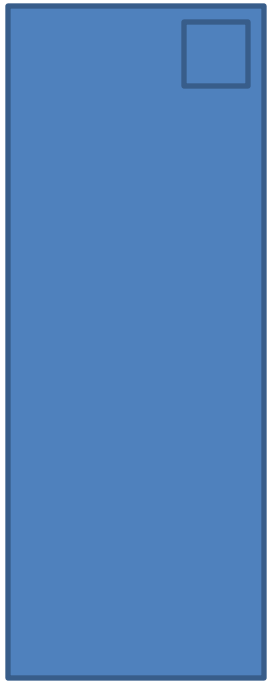

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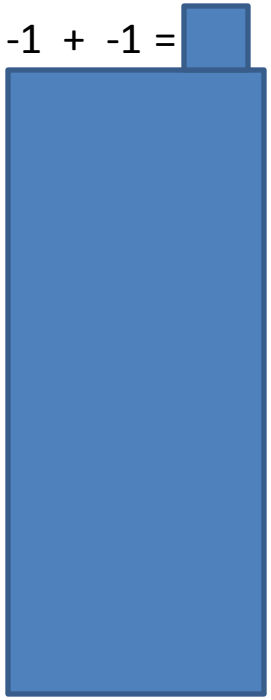

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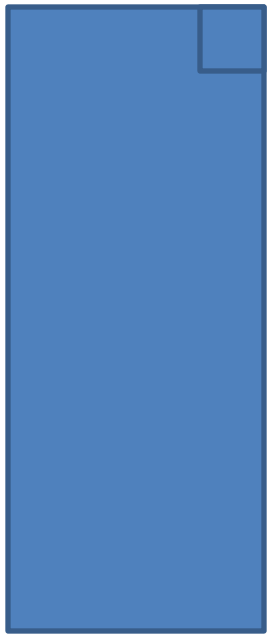

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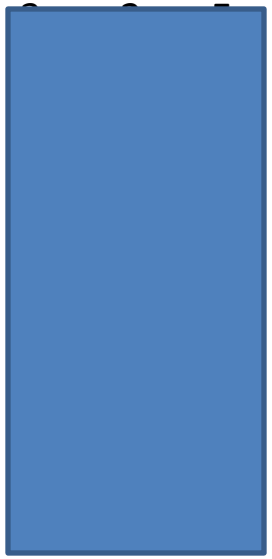
3 + -6 = 



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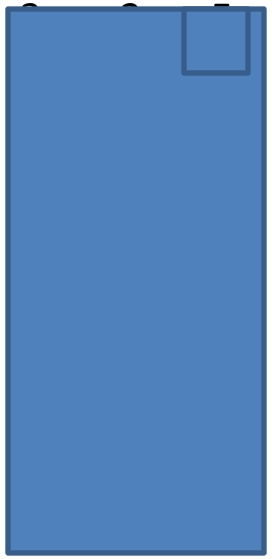

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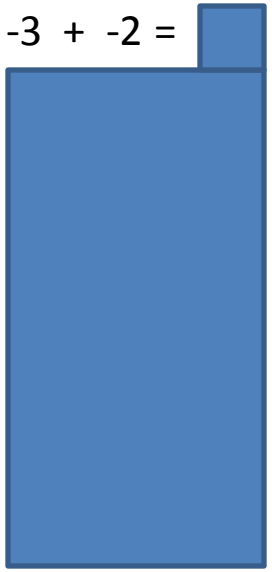

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Let's mix it up.

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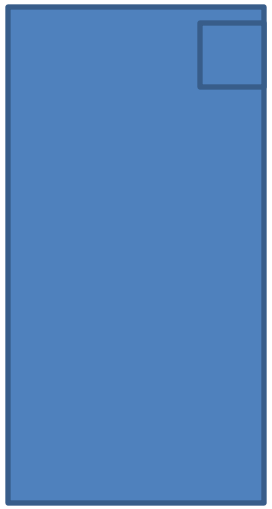
3 + -6 = -3

-3 + -2 = -5



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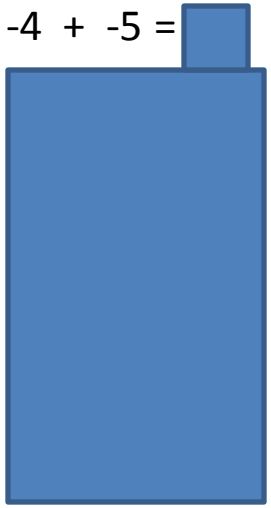

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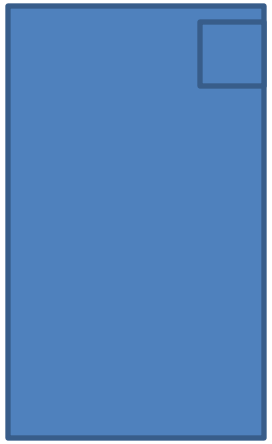

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Both Neg? ADD, Stays Neg.

One neg/One Pos? SUBTRACT, Give sign of Larger

Let's mix it up.

$2 + -1 = 1$

$-5 + -4 = -9$

$-7 + 1 = -6$

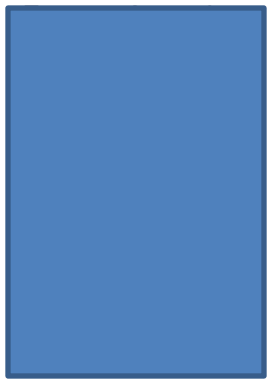
$-1 + -1 = -2$

$3 + -6 = -3$

$-3 + -2 = -5$

$-4 + -5 = -9$

$-2 + 1 =$ 



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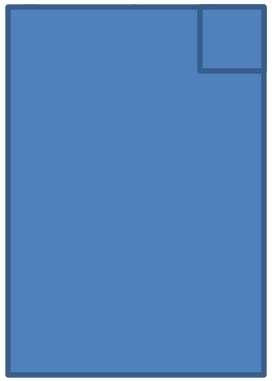

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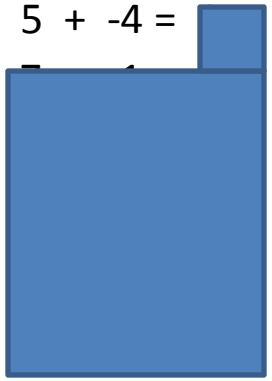
-2 + 1 = -1

5 + -4 =



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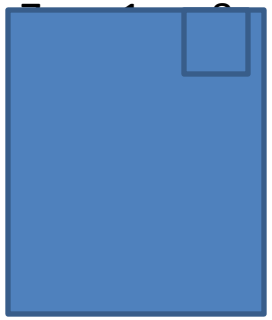
-3 + -2 = -5

-4 + -5 = -9

-2 + 1 = -1

5 + -4 = 1



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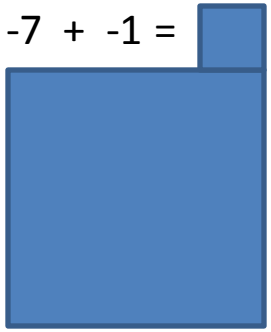
-3 + -2 = -5

-4 + -5 = -9

-2 + 1 = -1

5 + -4 = 1

-7 + -1 =



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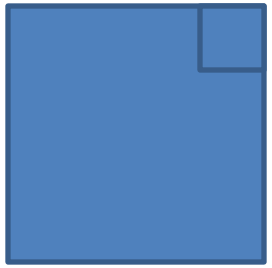
-3 + -2 = -5

-4 + -5 = -9

-2 + 1 = -1

5 + -4 = 1

-7 + -1 = -8



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-1 + -1 = -2

3 + -6 = -3

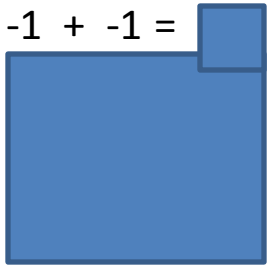
-3 + -2 = -5

-4 + -5 = -9

-2 + 1 = -1

5 + -4 = 1

-7 + -1 = -8

-1 + -1 = 

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-3 + -2 = -5

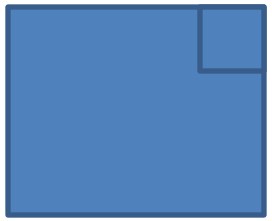
-4 + -5 = -9

-2 + 1 = -1

5 + -4 = 1

-7 + -1 = -8

-1 + -1 = -2



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-1 + -1 = -2

3 + -6 = -3

-3 + -2 = -5

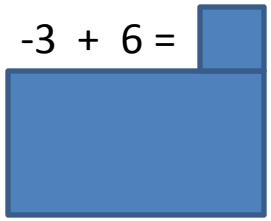
-4 + -5 = -9

-2 + 1 = -1

5 + -4 = 1

-7 + -1 = -8

-1 + -1 = -2

-3 + 6 = 

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Let's mix it up.

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-7 + 1 = -6

-1 + -1 = -2

3 + -6 = -3

-3 + -2 = -5

-4 + -5 = -9

-2 + 1 = -1

5 + -4 = 1

-7 + -1 = -8

-1 + -1 = -2

-3 + 6 = 3

"+" sign rules

Both Neg? ADD, Stays Neg.

One neg/One Pos? SUBTRACT, Give sign of Larger

Let's mix it up.

2 + -1 = 1

-5 + -4 = -9

-7 + 1 = -6

-1 + -1 = -2

3 + -6 = -3

-3 + -2 = -5

-4 + -5 = -9

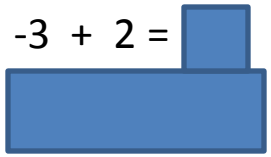
-2 + 1 = -1

5 + -4 = 1

-7 + -1 = -8

-1 + -1 = -2

-3 + 6 = 3

-3 + 2 = 

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One neg/One Pos? SUBTRACT, Give sign of Larger

Let's mix it up.

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-1 + -1 = -2

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-4 + -5 = -9

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5 + -4 = 1

-7 + -1 = -8

-1 + -1 = -2

-3 + 6 = 3

-3 + 2 = -1

"+" sign rules

Both Neg? ADD, Stays Neg.

One neg/One Pos? SUBTRACT, Give sign of Larger

Let's mix it up.

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-7 + 1 = -6

-1 + -1 = -2

3 + -6 = -3

-3 + -2 = -5

-4 + -5 = -9

-2 + 1 = -1

5 + -4 = 1

-7 + -1 = -8

-1 + -1 = -2

-3 + 6 = 3

-3 + 2 = -1

-4 + -5 = 

"+" sign rules

Both Neg? ADD, Stays Neg.

One neg/One Pos? SUBTRACT, Give sign of Larger

Let's mix it up.

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-7 + 1 = -6

-1 + -1 = -2

3 + -6 = -3

-3 + -2 = -5

-4 + -5 = -9

-2 + 1 = -1

5 + -4 = 1

-7 + -1 = -8

-1 + -1 = -2

-3 + 6 = 3

-3 + 2 = -1

-4 + -5 = -9

Any Questions?

ANOTHER TYPE OF PROBLEM

- We've been doing problems like:

$$-2 + -3 \quad \text{and} \quad -6 + 2$$

Notice there has been a + sign between the numbers.

ANOTHER TYPE OF PROBLEM

- We've been doing problems like:

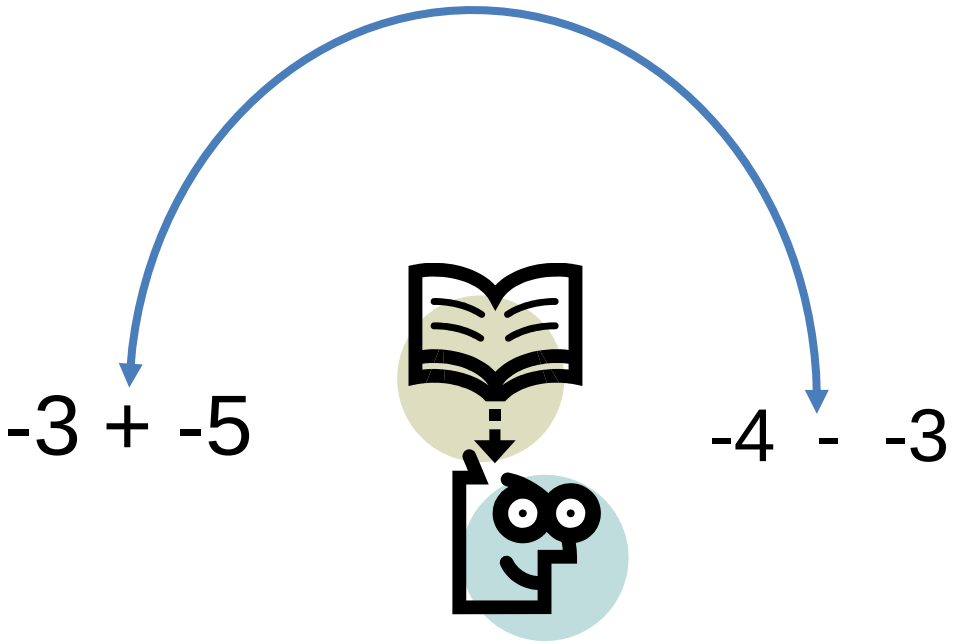
-2 + -3 and -6 + 2

Notice there has been a + sign between the numbers.

Now we are going to do problems with a – sign between the numbers instead of the + sign.

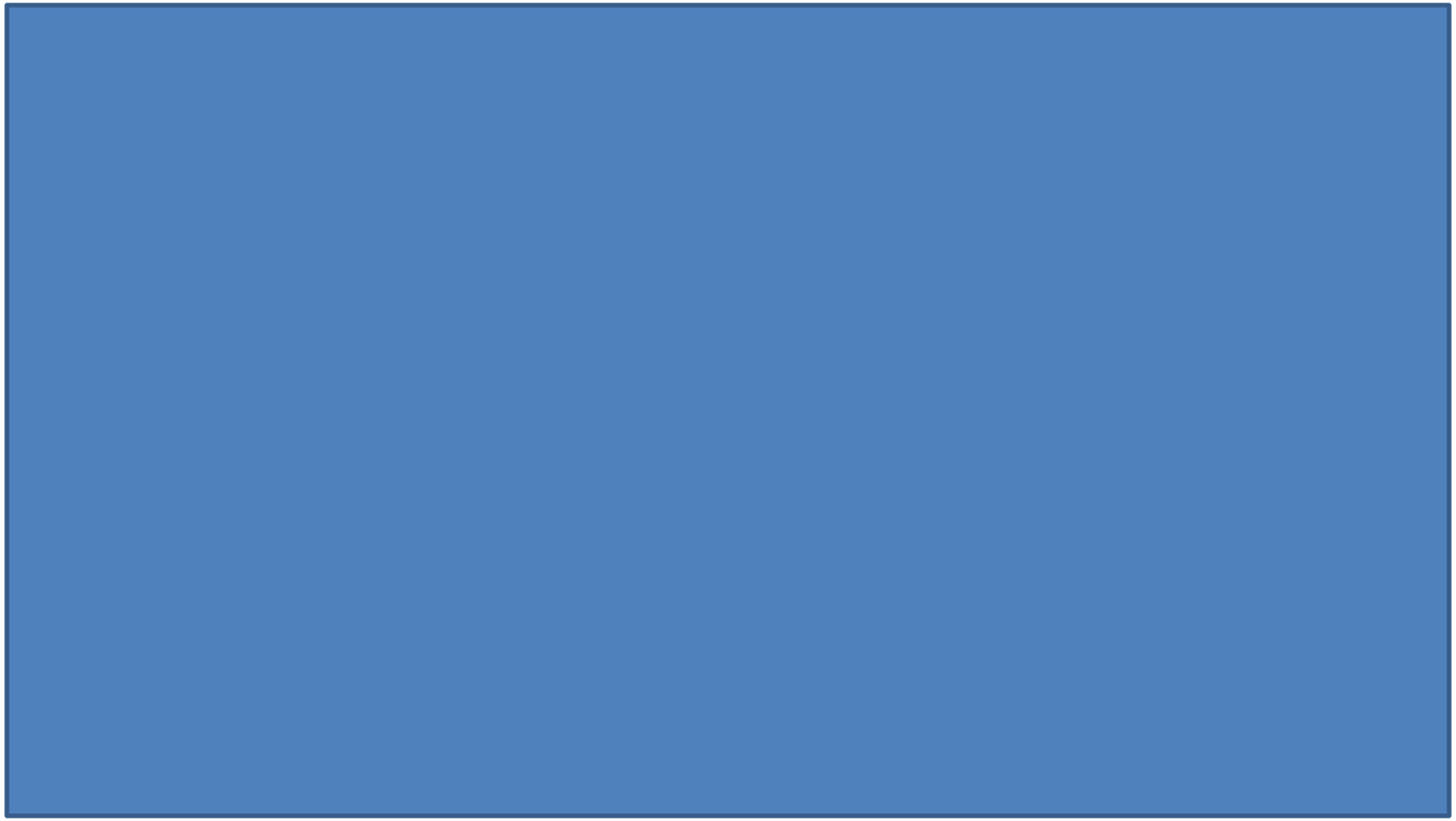
Problems like this: -2 - -3 and -5 - 4

Do you see the difference?



“—” sign Rules

For problems like this: -3 - -4 =



Subtracting Negative Numbers
"—" sign Rules

For problems like this: -3 - -4 =

If there is a minus sign (-) between two numbers, the first rule is:

STOP! Do not do that problem.

“—” sign Rules

For problems like this: -3 - -4 =

If there is a minus sign (-) between two numbers, the first rule is:

STOP! Do not do that problem.

You will need to **rewrite** this type of problem.

“—” sign Rules

For problems like this: -3 - -4 =

If there is a minus sign (-) between two numbers, the first rule is:

STOP! Do not do that problem.

You will need to **rewrite** this type of problem.

-3 - -4 =

The first number stays the same. -3

"—" sign Rules

For problems like this: -3 - -4 =

If there is a minus sign (-) between two numbers, the first rule is:

STOP! Do not do that problem.

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-3 - -4 =

The first number stays the same. -3

Change the "-" sign to a "+" sign. -3 +

"—" sign Rules

For problems like this: -3 - -4 =

If there is a minus sign (-) between two numbers, the first rule is:

STOP! Do not do that problem.

You will need to **rewrite** this type of problem.

-3 - -4 =

The first number stays the same. -3

Change the "-" sign to a "+" sign. -3 +

Change the 2nd number to the opposite sign. -3 + 4 (no sign means positive)

"—" sign Rules

For problems like this: -3 - -4 =

If there is a minus sign (-) between two numbers, the first rule is:

STOP! Do not do that problem.

You will need to **rewrite** this type of problem.

-3 - -4 =

The first number stays the same. -3

Change the "-" sign to a "+" sign. -3 +

Change the 2nd number to the opposite sign. -3 + 4

Now this is a "+" sign type problem.

Follow the + sign rules

-3 + 4 = 1, so -3 - -4 = 1

Stop, Change, Change

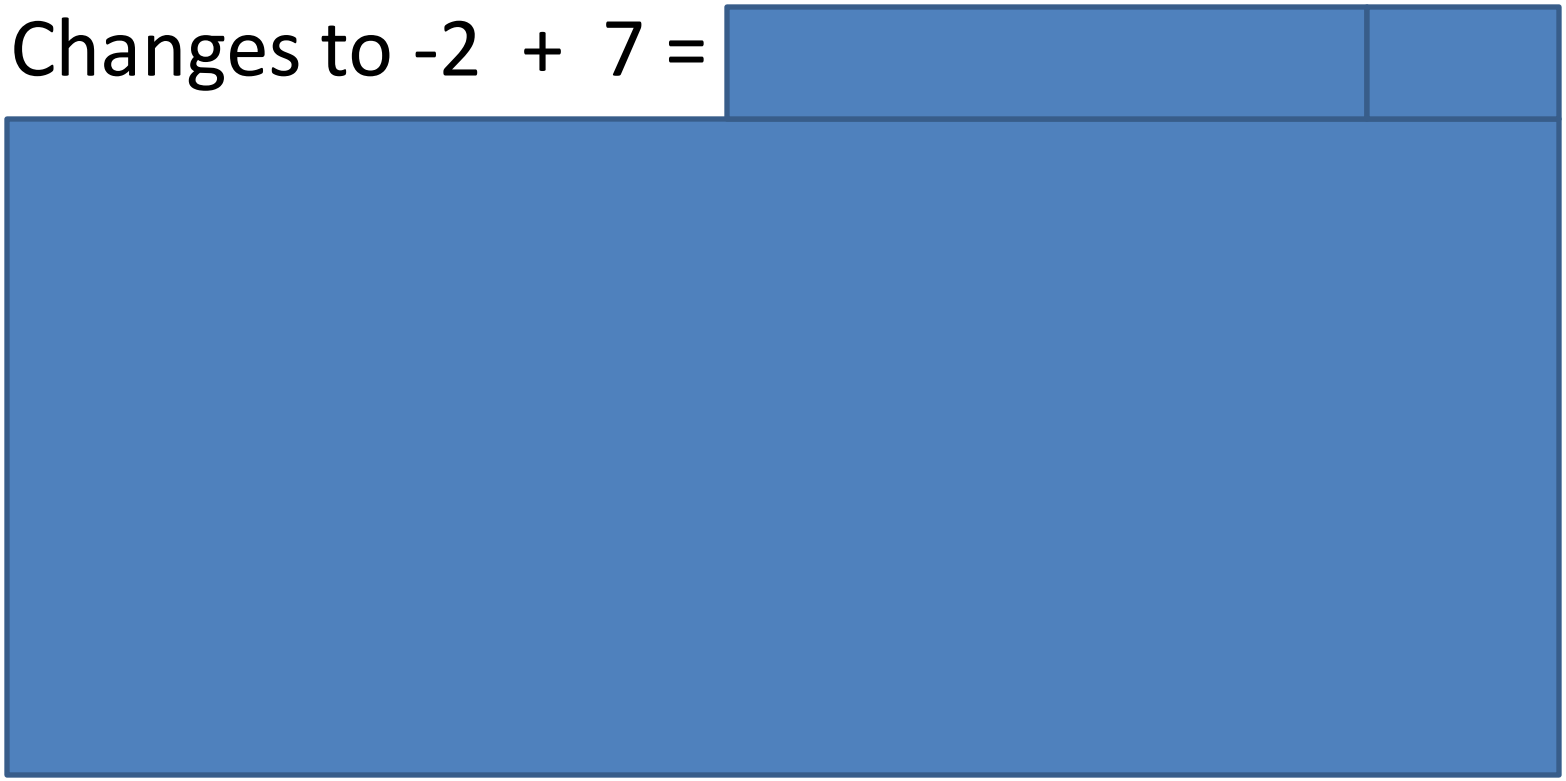
-2 - -7 =

Changes to

Stop, Change, Change

-2 - -7 =

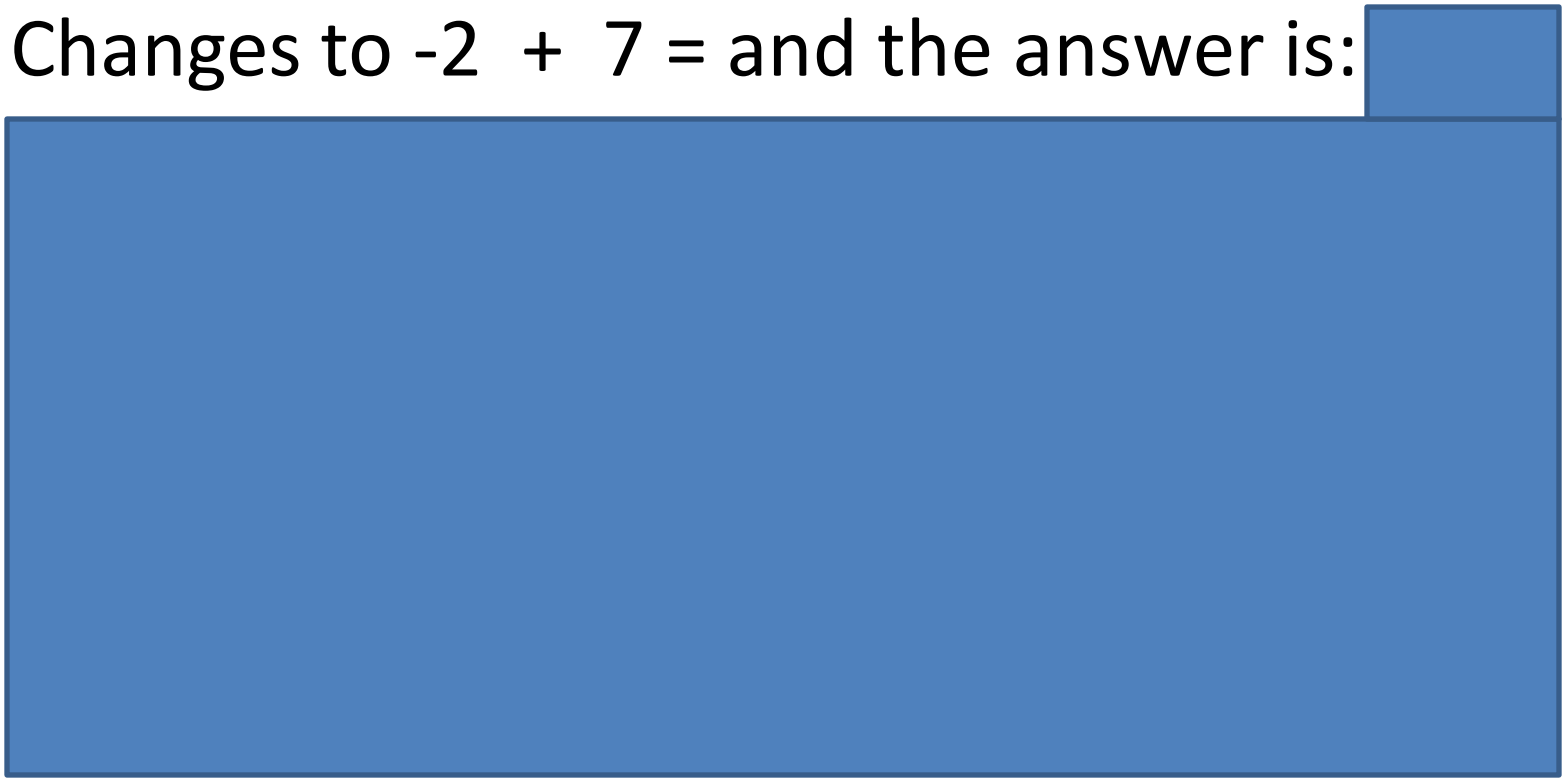
Changes to -2 + 7 =



Stop, Change, Change

-2 - -7 =

Changes to -2 + 7 = and the answer is:



Stop, Change, Change

-2 - -7 =

Changes to -2 + 7 = and the answer is: 5

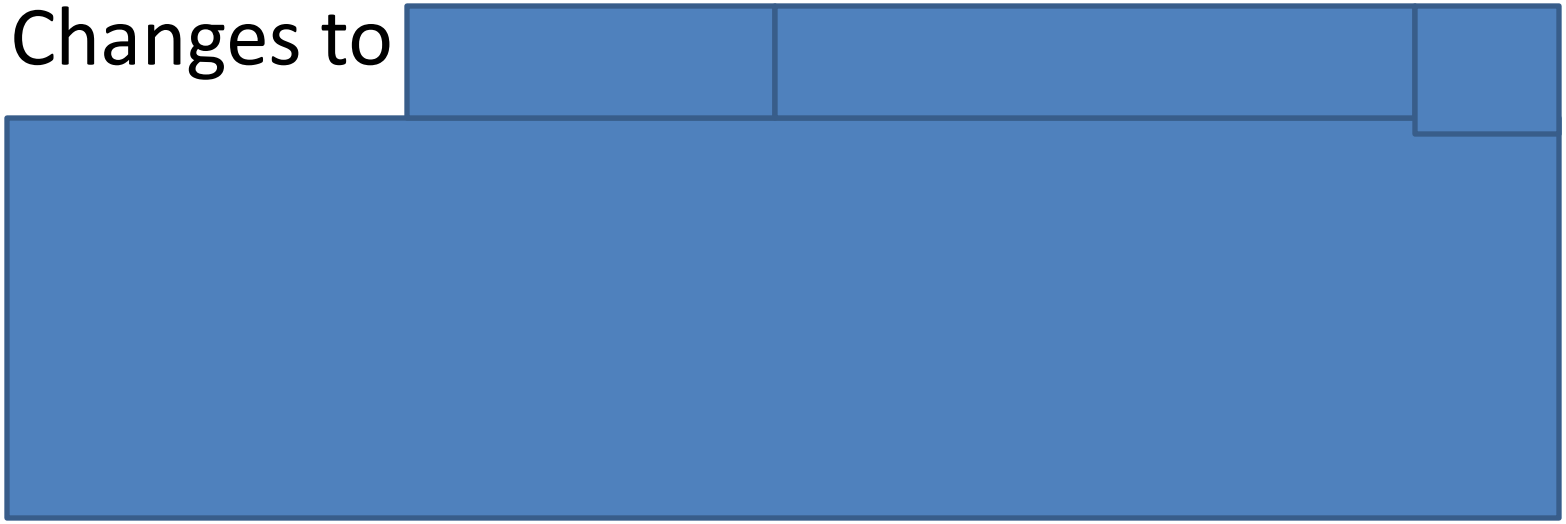
Stop, Change, Change

-2 - -7 =

Changes to -2 + 7 = and the answer is: 5

-5 - 8 =

Changes to



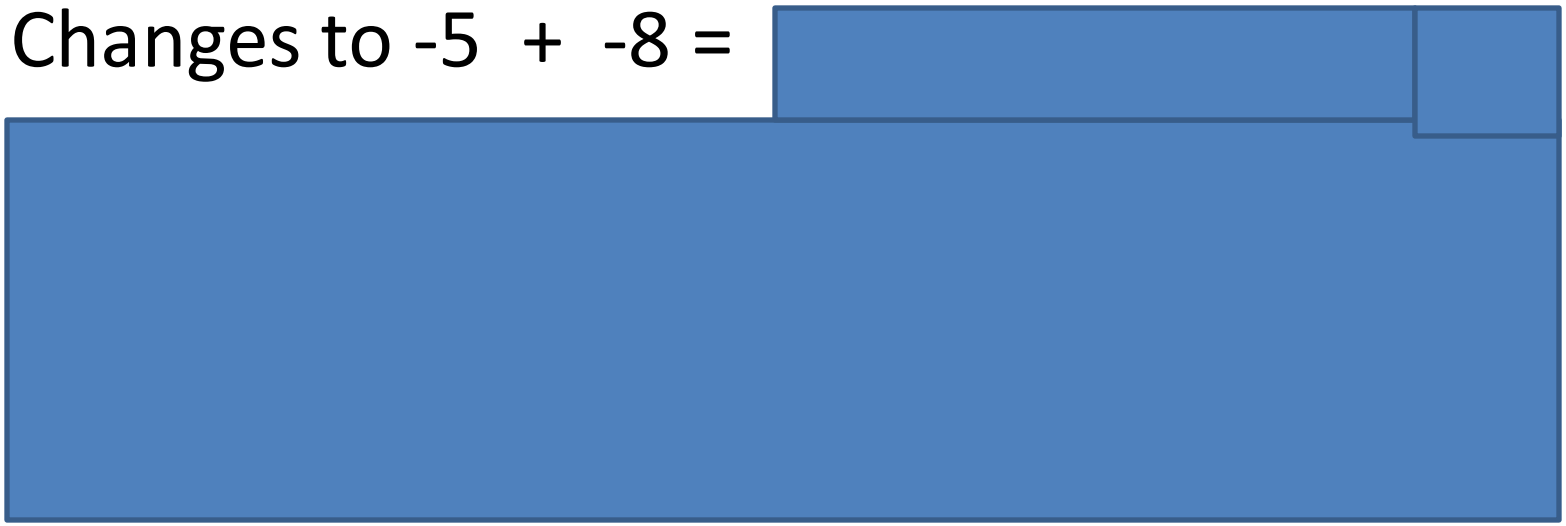
Stop, Change, Change

-2 - -7 =

Changes to -2 + 7 = and the answer is: 5

-5 - 8 =

Changes to -5 + -8 =



Stop, Change, Change

-2 - -7 =

Changes to -2 + 7 = and the answer is: 5

-5 - 8 =

Changes to -5 + -8 = and the answer is:

Stop, Change, Change

-2 - -7 =

Changes to -2 + 7 = and the answer is: 5

-5 - 8 =

Changes to -5 + -8 = and the answer is: -13

Stop, Change, Change

-2 - -7 =

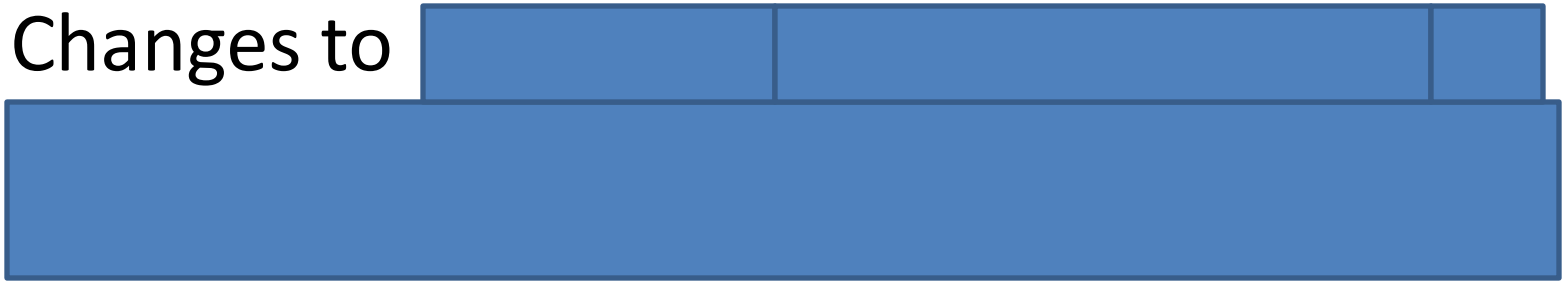
Changes to -2 + 7 = and the answer is: 5

-5 - 8 =

Changes to -5 + -8 = and the answer is: -13

3 - 8 =

Changes to



Stop, Change, Change

-2 - -7 =

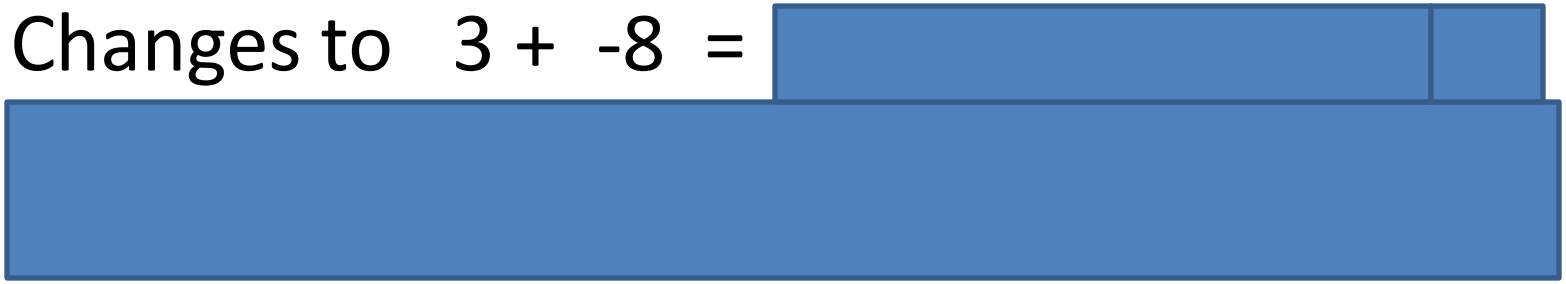
Changes to -2 + 7 = and the answer is: 5

-5 - 8 =

Changes to -5 + -8 = and the answer is: -13

3 - 8 =

Changes to 3 + -8 =



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Changes to 3 + -8 = and the answer is:

Stop, Change, Change

-2 - -7 =

Changes to -2 + 7 = and the answer is: 5

-5 - 8 =

Changes to -5 + -8 = and the answer is: -13

3 - 8 =

Changes to 3 + -8 = and the answer is: -5

Stop, Change, Change

-2 - -7 =

Changes to -2 + 7 = and the answer is: 5

-5 - 8 =

Changes to -5 + -8 = and the answer is: -13

3 - 8 =

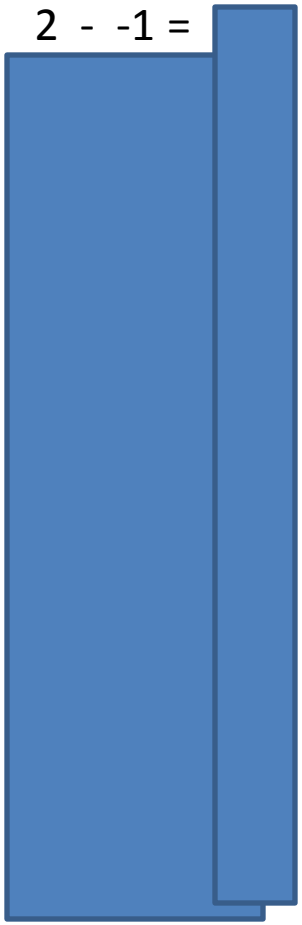
Changes to 3 + -8 = and the answer is: -5

1st number stays, change to + sign, change 2nd number's sign.

“-” sign rules

STOP then--1st number stays, change to + sign, change 2nd number’s sign.

2 - -1 =



“-” sign rules

STOP then--1st number stays, change to + sign, change 2nd number’s sign.

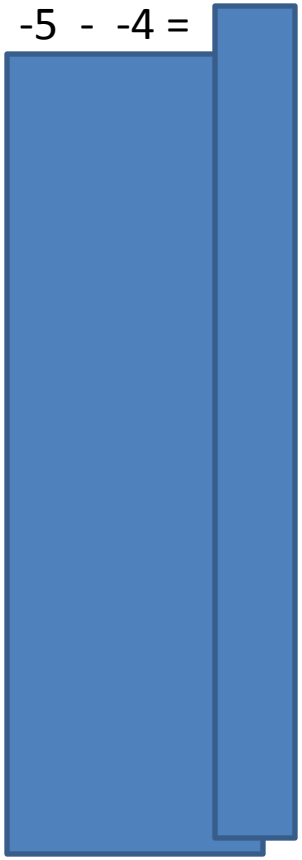
2 - -1 = 3

“-” sign rules

STOP then--1st number stays, change to + sign, change 2nd number’s sign.

2 - -1 = 3

-5 - -4 =

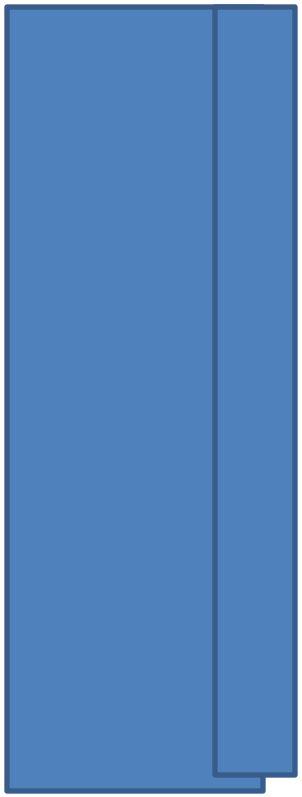


“-” sign rules

STOP then--1st number stays, change to + sign, change 2nd number’s sign.

2 - -1 = 3

-5 - -4 = -1



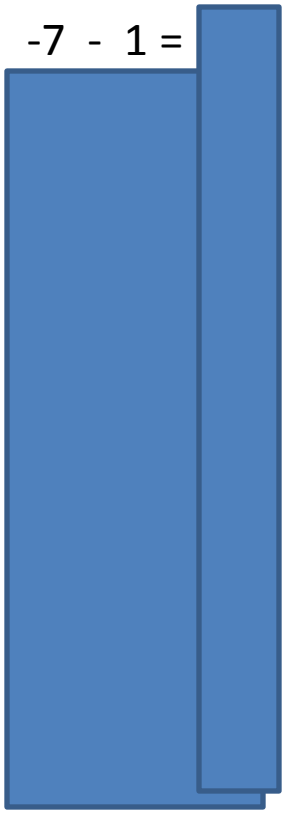
“-” sign rules

STOP then--1st number stays, change to + sign, change 2nd number’s sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 =



“-” sign rules

STOP then--1st number stays, change to + sign, change 2nd number’s sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

“-” sign rules

STOP then--1st number stays, change to + sign, change 2nd number’s sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 =

"-" sign rules

STOP then--1st number stays, change to + sign, change 2nd number's sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

“-” sign rules

STOP then--1st number stays, change to + sign, change 2nd number’s sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 =

“-” sign rules

STOP then--1st number stays, change to + sign, change 2nd number’s sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

“-” sign rules

STOP then--1st number stays, change to + sign, change 2nd number’s sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 =

“-” sign rules

STOP then--1st number stays, change to + sign, change 2nd number’s sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

"-" sign rules

STOP then--1st number stays, change to + sign, change 2nd number's sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

-4 - -5 =

"-" sign rules

STOP then--1st number stays, change to + sign, change 2nd number's sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

-4 - -5 = 1

"-" sign rules

STOP then--1st number stays, change to + sign, change 2nd number's sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

-4 - -5 = 1

-2 - 1 =

“-” sign rules

STOP then--1st number stays, change to + sign, change 2nd number’s sign.

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-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

-4 - -5 = 1

-2 - 1 = -3

"-" sign rules

STOP then--1st number stays, change to + sign, change 2nd number's sign.

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-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

-4 - -5 = 1

-2 - 1 = -3

5 - -4 =

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STOP then--1st number stays, change to + sign, change 2nd number’s sign.

2 - -1 = 3

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-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

-4 - -5 = 1

-2 - 1 = -3

5 - -4 = 9

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STOP then--1st number stays, change to + sign, change 2nd number's sign.

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-7 - 1 = -8

-2 - -1 = -1

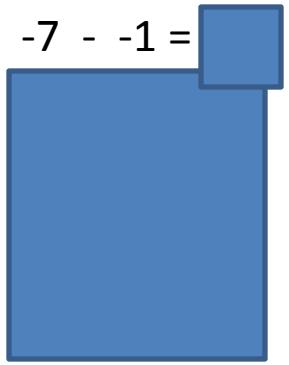
3 - -6 = 9

-3 - -2 = -1

-4 - -5 = 1

-2 - 1 = -3

5 - -4 = 9

-7 - -1 = 

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2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

-4 - -5 = 1

-2 - 1 = -3

5 - -4 = 9

-7 - -1 = -6

"-" sign rules

STOP then--1st number stays, change to + sign, change 2nd number's sign.

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-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

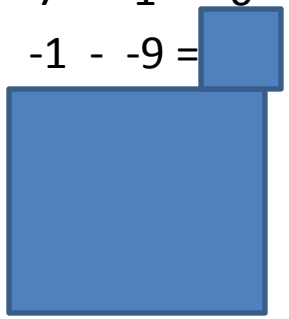
-3 - -2 = -1

-4 - -5 = 1

-2 - 1 = -3

5 - -4 = 9

-7 - -1 = -6

-1 - -9 = 

"-" sign rules

STOP then--1st number stays, change to + sign, change 2nd number's sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

-4 - -5 = 1

-2 - 1 = -3

5 - -4 = 9

-7 - -1 = -6

-1 - -9 = 8

"-" sign rules

STOP then--1st number stays, change to + sign, change 2nd number's sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

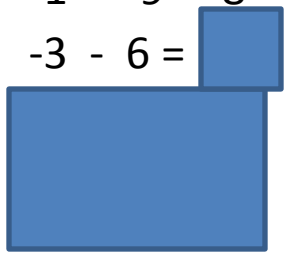
-4 - -5 = 1

-2 - 1 = -3

5 - -4 = 9

-7 - -1 = -6

-1 - -9 = 8

-3 - 6 = 

"-" sign rules

STOP then--1st number stays, change to + sign, change 2nd number's sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

-4 - -5 = 1

-2 - 1 = -3

5 - -4 = 9

-7 - -1 = -6

-1 - -9 = 8

-3 - 6 = -9

"-" sign rules

STOP then--1st number stays, change to + sign, change 2nd number's sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

-4 - -5 = 1

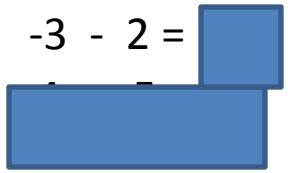
-2 - 1 = -3

5 - -4 = 9

-7 - -1 = -6

-1 - -9 = 8

-3 - 6 = -9

-3 - 2 = 

"-" sign rules

STOP then--1st number stays, change to + sign, change 2nd number's sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

-4 - -5 = 1

-2 - 1 = -3

5 - -4 = 9

-7 - -1 = -6

-1 - -9 = 8

-3 - 6 = -9

-3 - 2 = -5

"-" sign rules

STOP then--1st number stays, change to + sign, change 2nd number's sign.

2 - -1 = 3

-5 - -4 = -1

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-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

-4 - -5 = 1

-2 - 1 = -3

5 - -4 = 9

-7 - -1 = -6

-1 - -9 = 8

-3 - 6 = -9

-3 - 2 = -5

4 - -5 = 

"-" sign rules

STOP then--1st number stays, change to + sign, change 2nd number's sign.

2 - -1 = 3

-5 - -4 = -1

-7 - 1 = -8

-2 - -1 = -1

3 - -6 = 9

-3 - -2 = -1

-4 - -5 = 1

-2 - 1 = -3

5 - -4 = 9

-7 - -1 = -6

-1 - -9 = 8

-3 - 6 = -9

-3 - 2 = -5

4 - -5 = 9

Now another rule.

- We will focus now on multiplying and dividing signed numbers.

- The rules for multiplying and dividing are simple, but more new rules along with the ones we just learned can be confusing.

Multiplying and Dividing Rules

- When multiplying or dividing if both numbers are negative then the answer will be positive.

- If one number is positive and one number is negative, the answer will be negative.

- $-2 \times -3 = 6$ and $-4 \times 2 = -8$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$2 \times -1 =$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$2 \times -1 = -2$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$-5 \times -4 =$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$-5 \times -4 = 20$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$-7 \times 1 =$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$-7 \times 1 = -7$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$3 \quad x \quad -6 =$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$3 \quad x \ -6 = \ -18$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$-4 \times -5 =$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$-4 \times -5 = 20$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$-2 \times 1 =$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$-2 \times 1 = -2$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

5 X -4 =

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$5 \quad X \quad -4 = -20$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$-7 \times -1 =$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$-7 \times -1 = 7$

Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

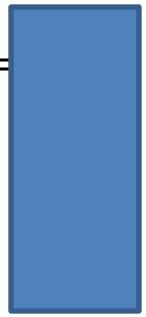
Try these four now-

-1 x -9 =

-3 x 6 =

-3 x 2 =

4 x -5 =



Multiplying and Dividing Rules

Two negatives make a positive. A negative times a positive is a negative.

$-1 \times -9 = 9$

$-3 \times 6 = -18$

$-3 \times 2 = -6$

$4 \times -5 = -20$

Review

"+" sign rules

- If both are negative add, the answer will be negative. -2 + -3 = -5
- If one is negative and one positive, subtract, the answer will have the sign of the larger number,

  -2 + 7 = 5 and 3 + -9 = -6

"-" Sign rules

Stop, Change the – sign to a + sign, change the second number to opposite sign, do it as a + sign problem. -2 - -3 becomes -2 + 3

Multiplying and Dividing Rules

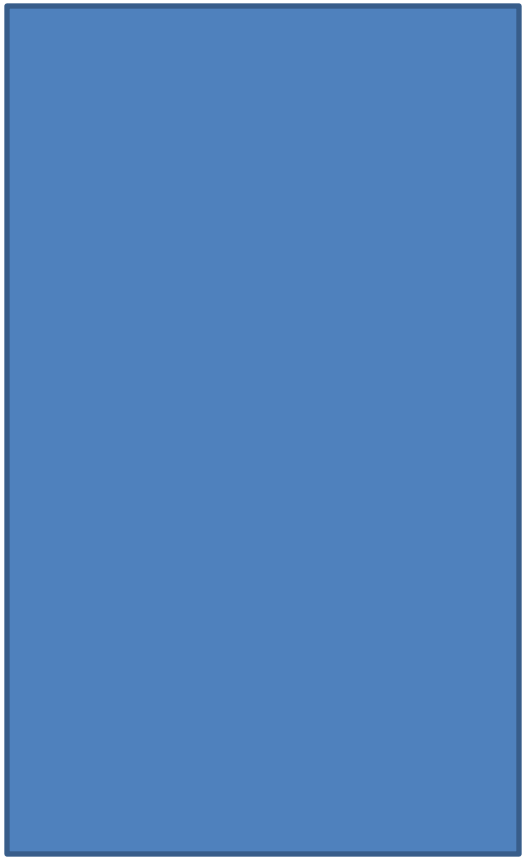
If both are negative, the answer will be positive. -2 x -3 = 6

If one is negative and the other positive, the answer will be negative.

2 x -3 = -6

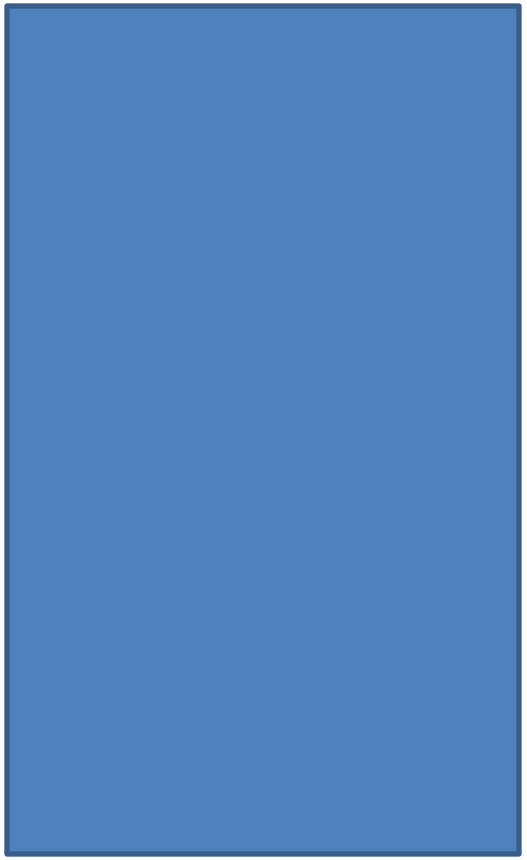
Mix It UP!

- 1) -3 + -2 =



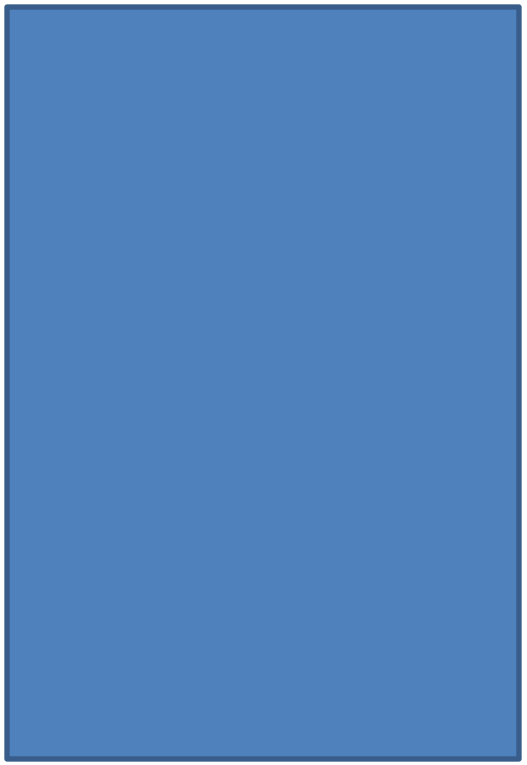
Mix It UP!

- 1) -3 + -2 = -5



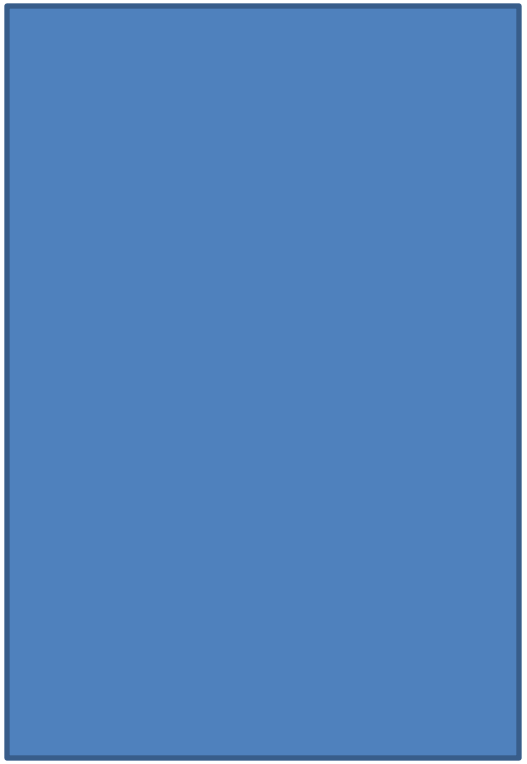
Mix It UP!

- 1) -3 + -2 = -5
- 2) -3 x -2 =



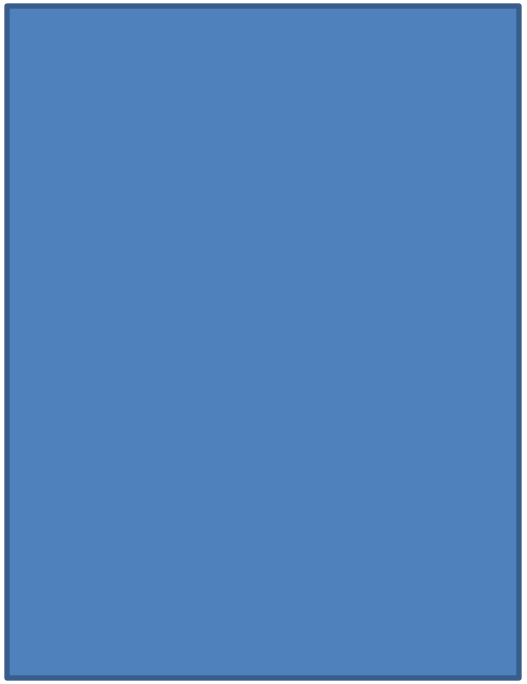
Mix It UP!

- 1) -3 + -2 = -5
- 2) -3 x -2 = 6



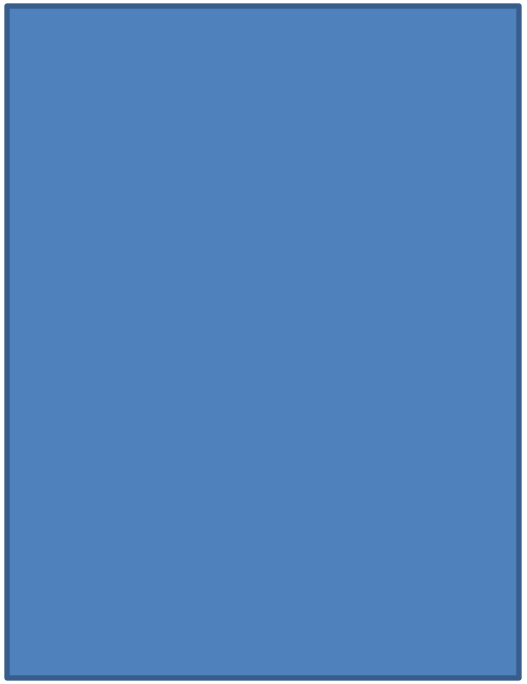
Mix It UP!

- 1) -3 + -2 = -5
- 2) -3 x -2 = 6
- 3) -3 - -2 =



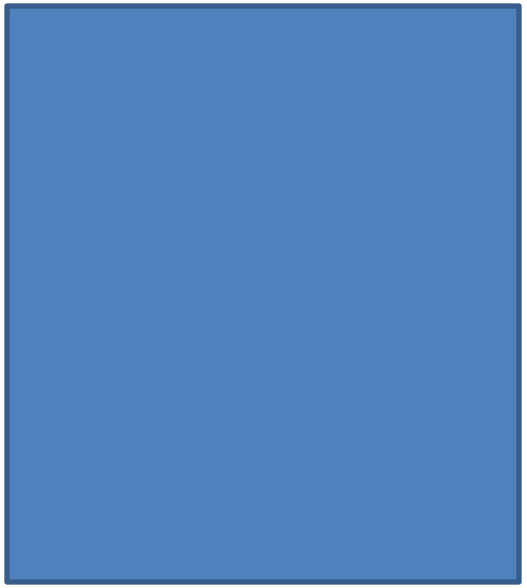
Mix It UP!

- 1) -3 + -2 = -5
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)



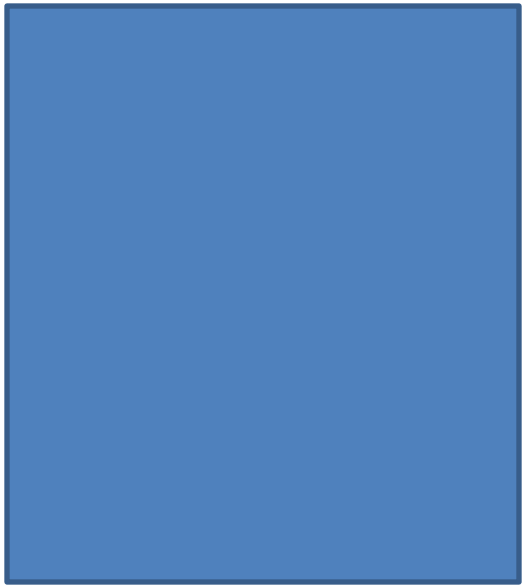
Mix It UP!

- 1) -3 + -2 = -5
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)
- 4) 5 x -2 =



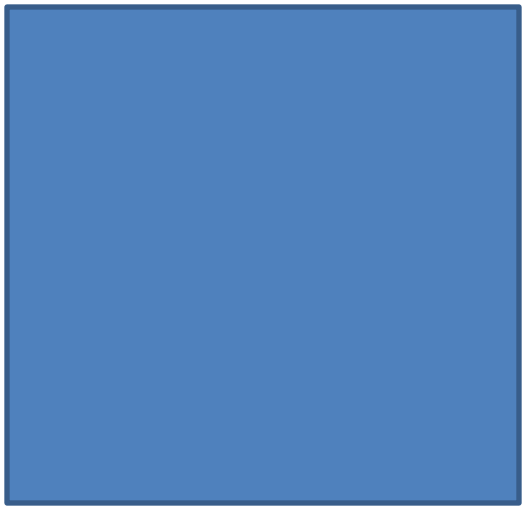
Mix It UP!

- 1) -3 + -2 = -6
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)
- 4) 5 x -2 = -10



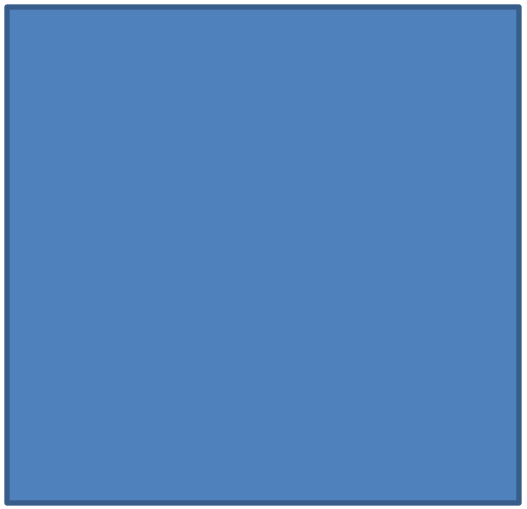
Mix It UP!

- 1) -3 + -2 = -6
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)
- 4) 5 x -2 = -10
- 5) -2 + 7 =



Mix It UP!

- 1) -3 + -2 = -6
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)
- 4) 5 x -2 = -10
- 5) -2 + 7 = 5



Mix It UP!

- 1) -3 + -2 = -6
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)
- 4) 5 x -2 = -10
- 5) -2 + 7 = 5
- 6) 6 x -2 =

Mix It UP!

- 1) -3 + -2 = -6
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)
- 4) 5 x -2 = -10
- 5) -2 + 7 = 5
- 6) 6 x -2 = -12

Mix It UP!

- 1) -3 + -2 = -6
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)
- 4) 5 x -2 = -10
- 5) -2 + 7 = 5
- 6) 6 x -2 = -12
- 7) 8 + -3 =

Mix It UP!

- 1) -3 + -2 = -6
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)
- 4) 5 x -2 = -10
- 5) -2 + 7 = 5
- 6) 6 x -2 = -12
- 7) 8 + -3 = 5

Mix It UP!

- 1) -3 + -2 = -6
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)
- 4) 5 x -2 = -10
- 5) -2 + 7 = 5
- 6) 6 x -2 = -12
- 7) 8 + -3 = 5
- 8) -2 x -5 =

Mix It UP!

- 1) -3 + -2 = -6
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)
- 4) 5 x -2 = -10
- 5) -2 + 7 = 5
- 6) 6 x -2 = -12
- 7) 8 + -3 = 5
- 8) -2 x -5 = 10

Mix It UP!

- 1) -3 + -2 = -6
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)
- 4) 5 x -2 = -10
- 5) -2 + 7 = 5
- 6) 6 x -2 = -12
- 7) 8 + -3 = 5
- 8) -2 x -5 = 10
- 9) -1 – 4 =

Mix It UP!

- 1) -3 + -2 = -6
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)
- 4) 5 x -2 = -10
- 5) -2 + 7 = 5
- 6) 6 x -2 = -12
- 7) 8 + -3 = 5
- 8) -2 x -5 = 10
- 9) -1 – 4 = -5 (CHANGE TO -1 + -4)

Mix It UP!

- 1) -3 + -2 = -6
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)
- 4) 5 x -2 = -10
- 5) -2 + 7 = 5
- 6) 6 x -2 = -12
- 7) 8 + -3 = 5
- 8) -2 x -5 = 10
- 9) -1 – 4 = -5
- 10) -3 x -2 =

Mix It UP!

- 1) -3 + -2 = -6
- 2) -3 x -2 = 6
- 3) -3 - -2 = -1 (change to -3 + 2)
- 4) 5 x -2 = -10
- 5) -2 + 7 = 5
- 6) 6 x -2 = -12
- 7) 8 + -3 = 5
- 8) -2 x -5 = 10
- 9) -1 – 4 = -5
- 10) -3 x -2 = 6

Practice.

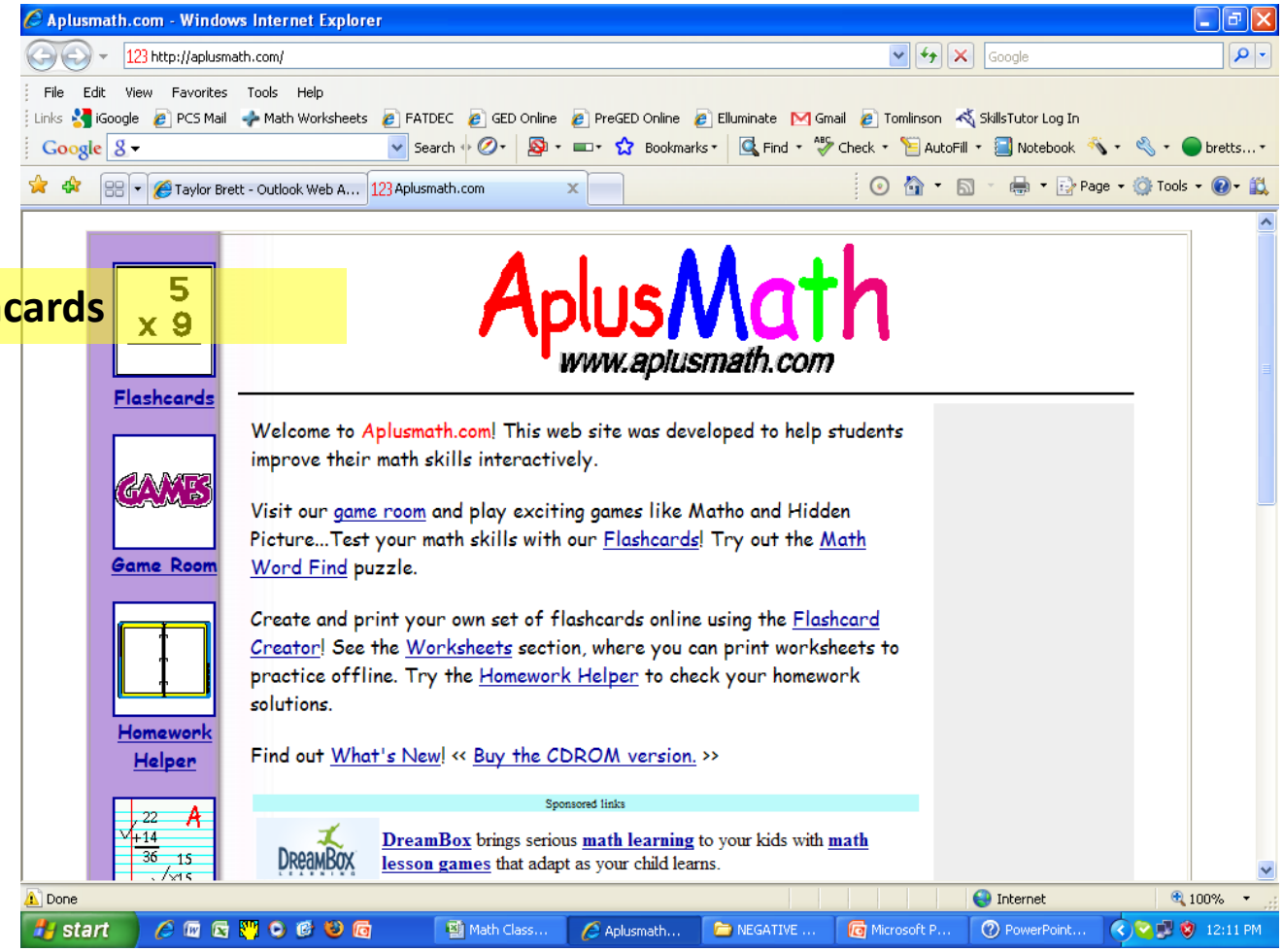
- I will now send you some files-
- 1st- This presentation as a pdf.

- 2nd- Four Practice Worksheets (pdf)

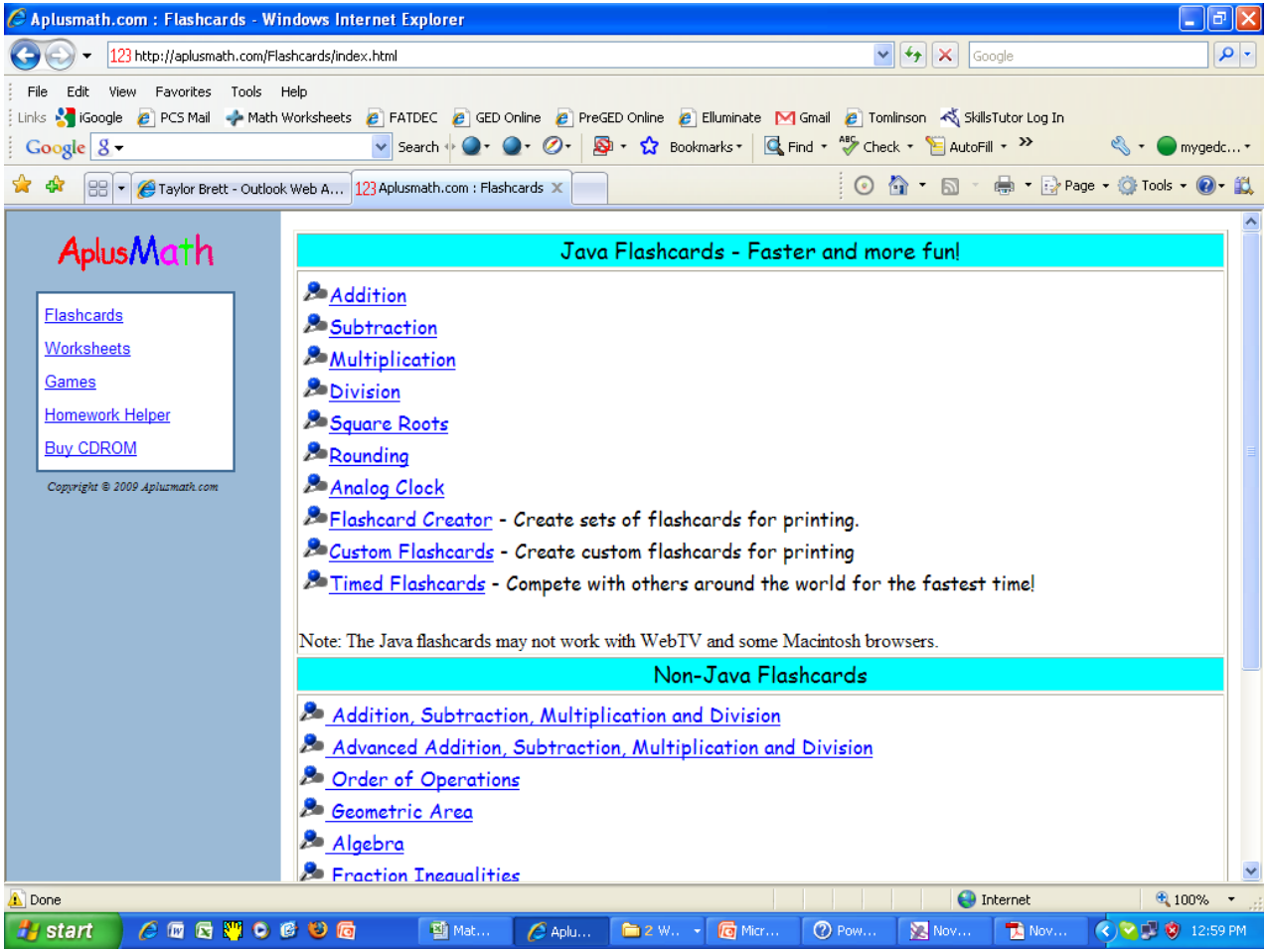
- 3rd- Link to short instructional videos on this topic and a link to APlusMath.com's practice site.

More Practice- AplusMath.com

Click on Flashcards

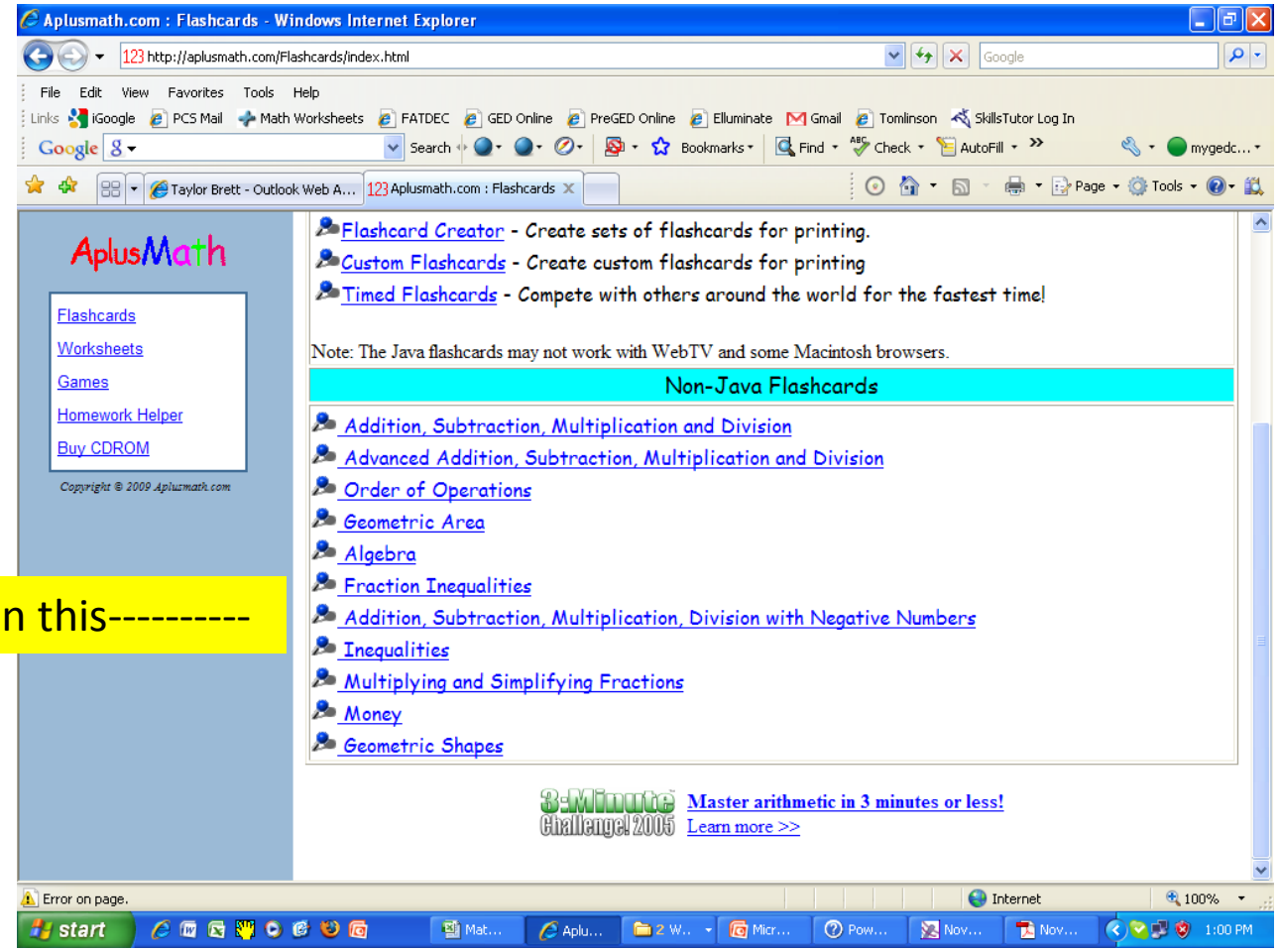


Then scroll down



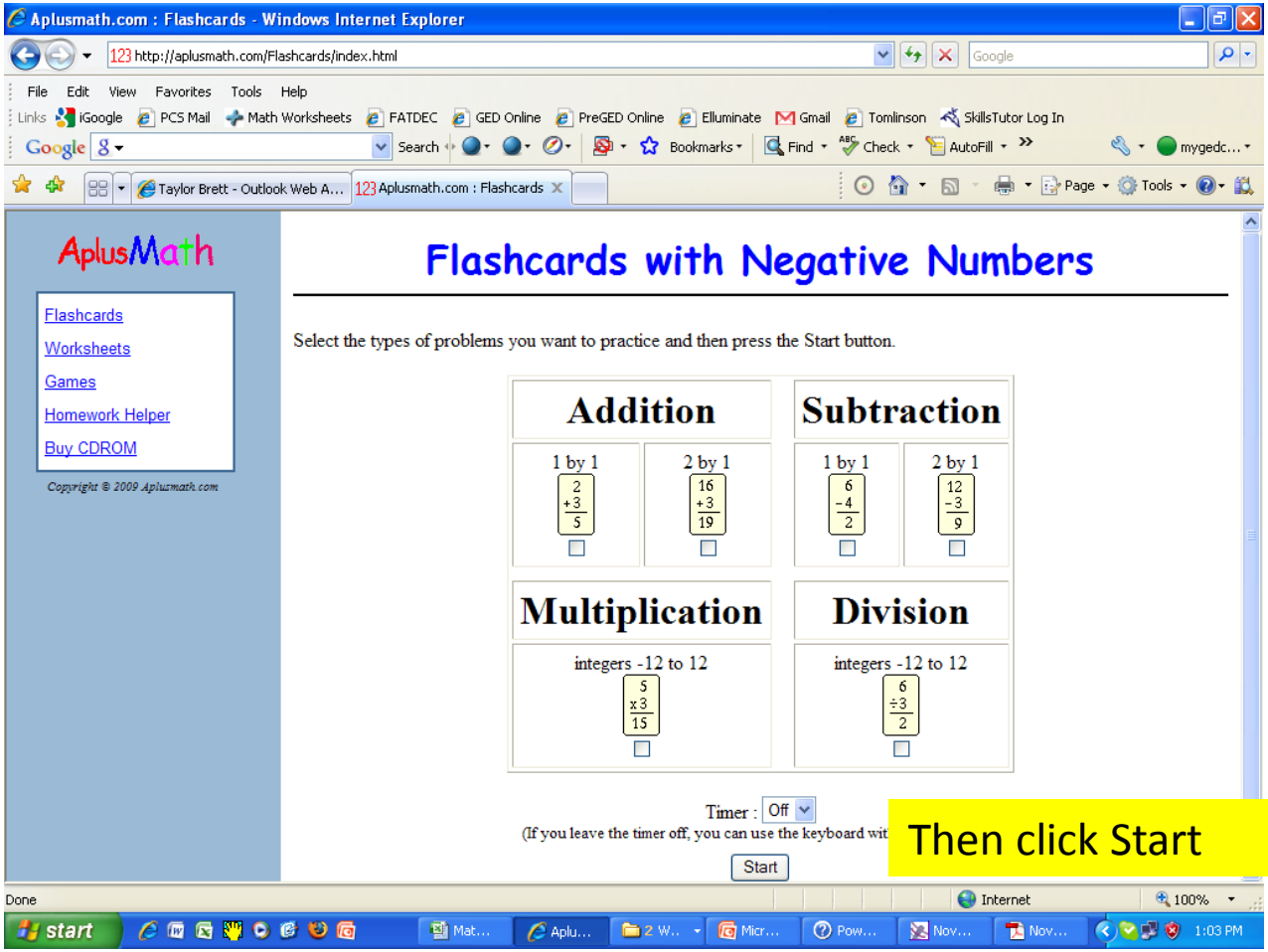
Scroll Down

Click on: Addition, Subtraction, Multiplication, Division with Negative Numbers

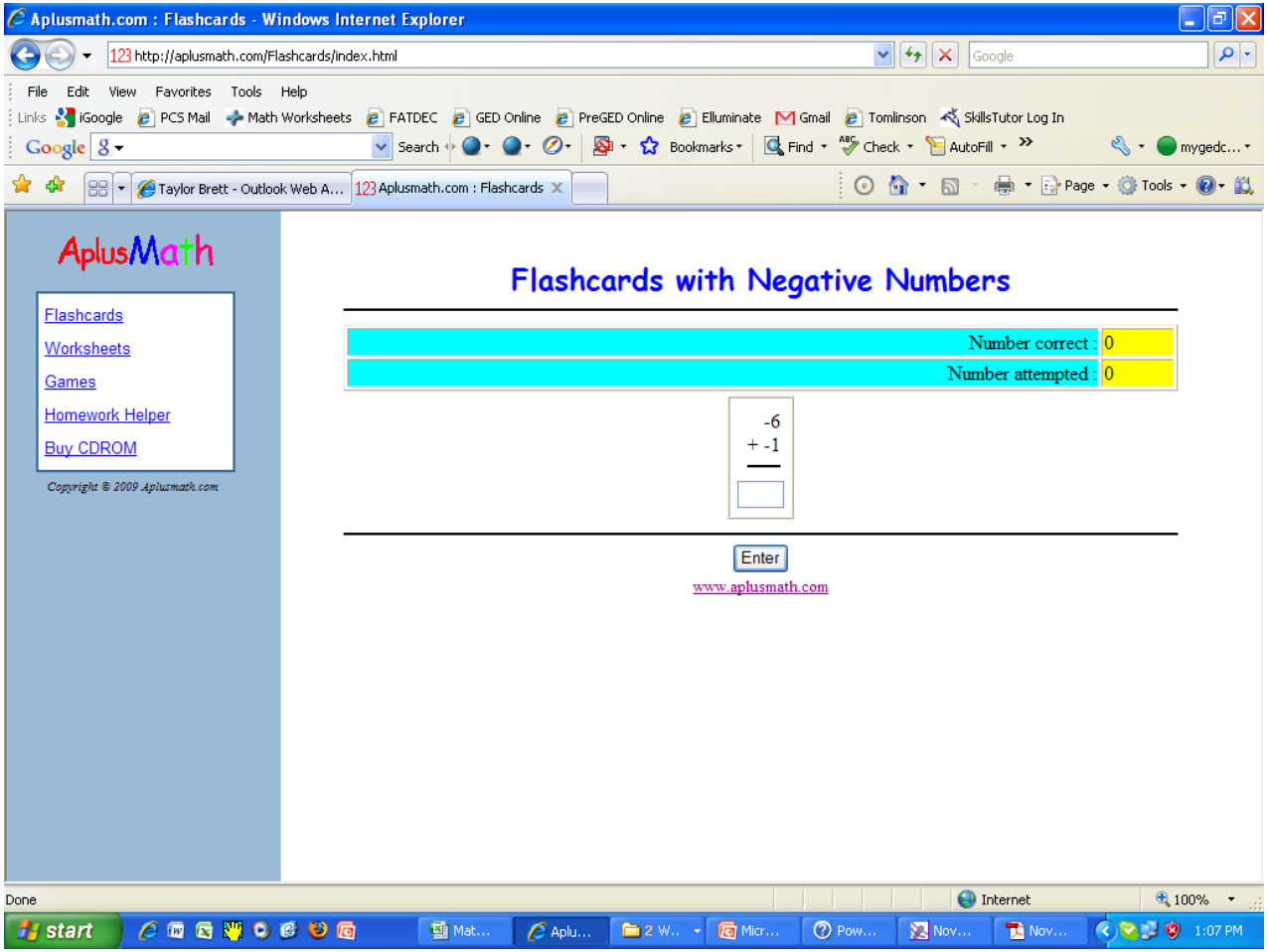


Click on this---------

Pick what you want to work on-
Addition, Subtraction, Multiplication, or Division.
OR Click more than one to mix it up.



Watch your score change as you go.
There are unlimited problems for you to practice on.



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