# Subtracting - pt1

Learning Goal:

By the end of this lesson I should be able to SUBTRACT positive numbers from other numbers (pos. or neg.) WITHOUT the use of a calculator (technology). **Part One**

Feb 3-1:54 PM

When we are asked to find the DIFFERENCE of two numbers, we are being asked to SUBTRACT or take away one number from the other.

Difference -> Subtract -> Take Away

(Similar meaning)

Feb 3-2:02 PM

## Clarity of Operations with Negative Numbers

Subtracting a Positive Number

8 - 6

Subtracting a Negative Number

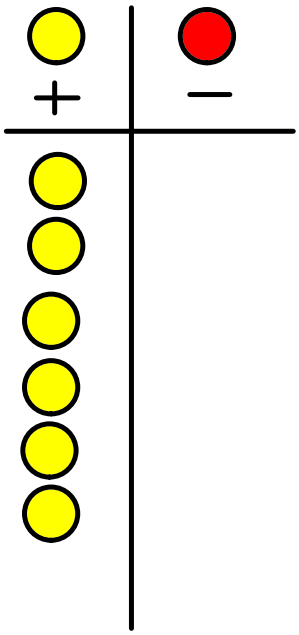
10 - (-4)

Sep 1-9:24 AM

Using an Integer Chips model show the Difference of:

6 - 4

(six positive chips, take away four positive chips)

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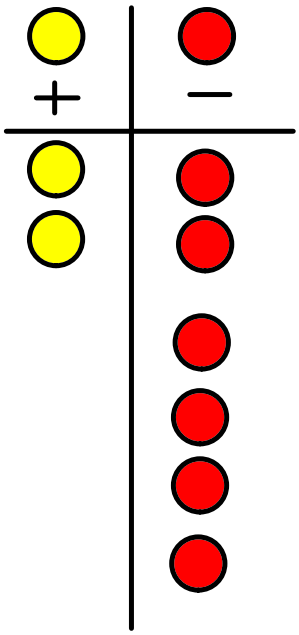
Using an Integer Chips model show the Difference of:

(-4) - 2

(four negative chips, take away two positive chips)

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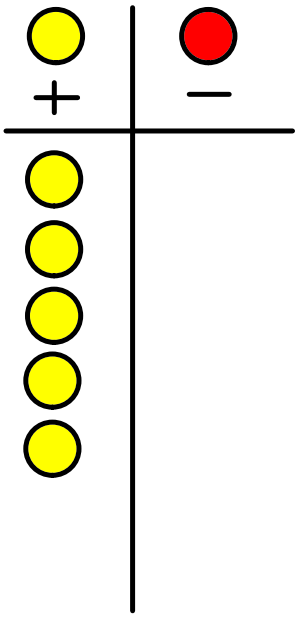
5 + (-2)

(add two negatives chips)




Compare the following:

5 + (-2) =

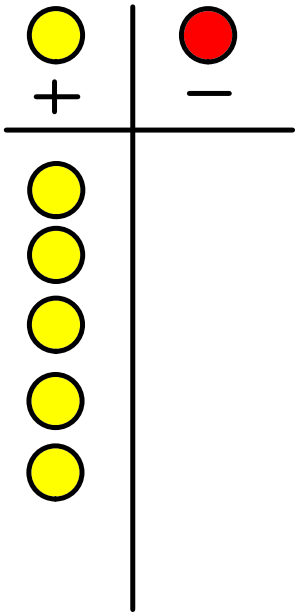
and

5 - 2 =

Observations...

5 - 2

(take away/subtract two positive chips)

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# Big Idea!!!!

*Adding a negative value* gives the same result *as subtracting a positive value*.

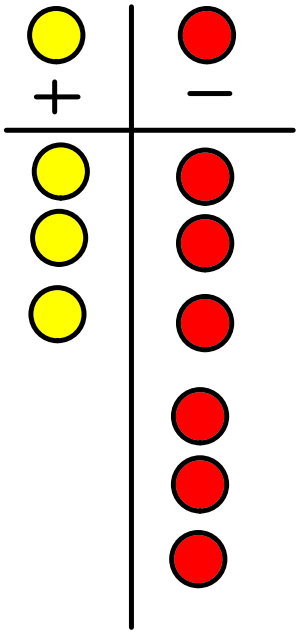
5 + (-3) is the same as 5 - 3

Feb 2-11:28 PM

Using an Integer Chips model show the Difference of:

(-3) - 2 - 1

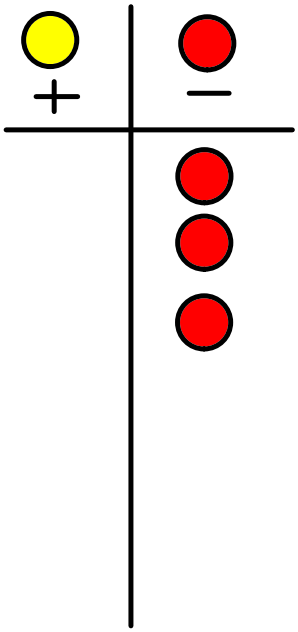
(three negative chips, take away two positive chips, take away 1 positive chip)




OR

(-3) + (-2) + (-1)

(three negative chips, add two negative chips, add 1 negative chip)

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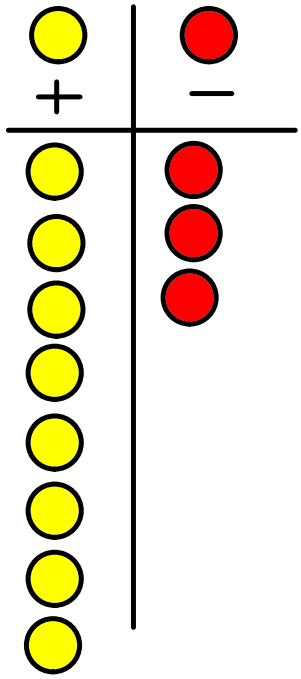
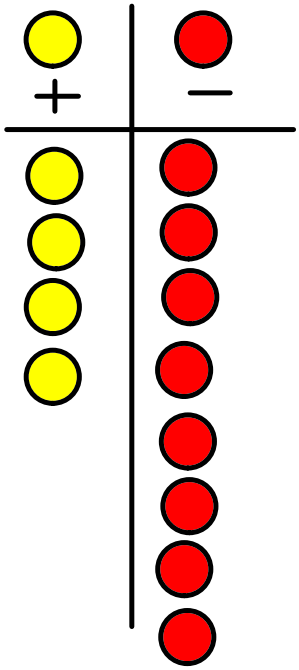
# Press PAUSE on the video and try the following

Using the Integer Chips model show the difference of:

(a) 5 - 4 - 3




(b) (-4) - 3 - 1

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# Task 1.5

Feb 5-10:12 AM

## Attachments

Math - task1 - add-sub integers.doc