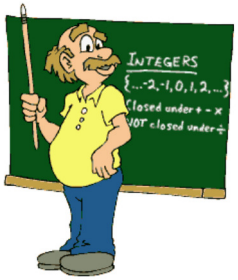
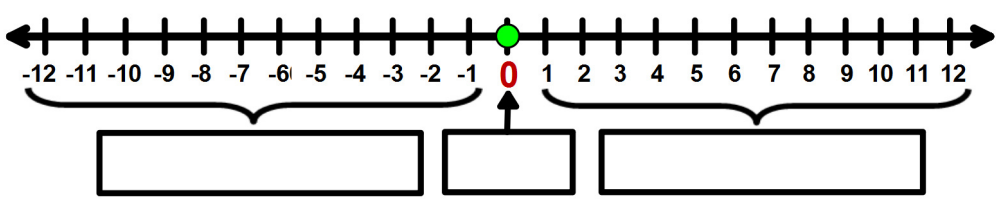
Integers



What are integers?

Inetgers and the Number Line

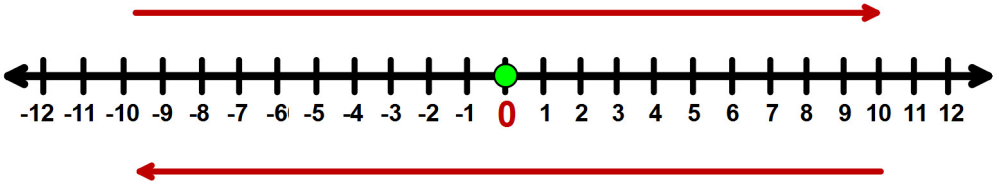


positive

negative

zero

Inetgers and the Number Line



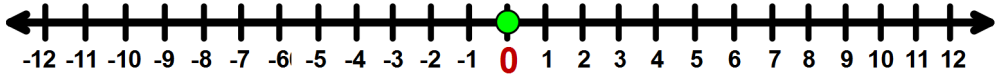
more positive

more negative

less positive

less negative

Adding a Positive Integer



Adding a <u>positive</u> integer to another number makes the number _____ positive and _____ negative.

Word Bank

more

less

Examples

4 + 3 =

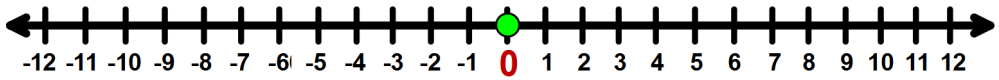
2 + 7 =

-2 + 6 =

-11 + 7 =

-4 + 4 =

Adding a Negative Integer



Adding a negative integer to another number makes the number _____ negative and _____ positive.

Word Bank

more

less

Examples

7 + (-3) =

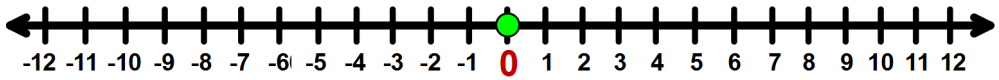
-9 + (-2) =

2 + (-7) =

4 + (-4) =

-3 + (-6) =

Subtracting a Positive Integer



Subtracting a positive integer from another number makes the number _____ positive and _____ negative.

You can think of this operation as "taking away positivity".

Word Bank

more

less

Examples

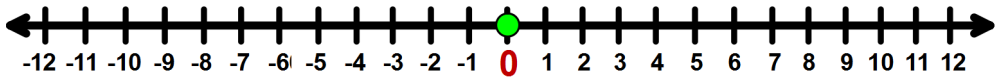
7 - 5 =

9 - 9 =

5 - 7 =

-3 - 4 =

Subtracting a Negative Integer



Subtracting a negative integer from another number makes the number _____ negative and _____ positive.

You can think of this operation as "taking away negativity".

Word Bank

more

less

Examples

7 - (-5) =

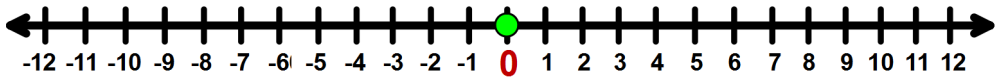
-4 - (-7) =

5 - (-3) =

-8 - (-8) =

-4 - (-2) =

Practice!



a) 3 + 8 =

g) -8 - (-14) =

b) -4 + 7 =

h) -7 - (-3) =

c) 8 - 5 =

i) 8 - 8 =

d) -12 + 3 =

j) -6 - (-6) =

e) -5 - 4 =

k) 15 + (-7) =

f) 5 - (-7) =

l) -4 + (-4) =

Challenge: -4 + (-5) + 6 - (-3) =