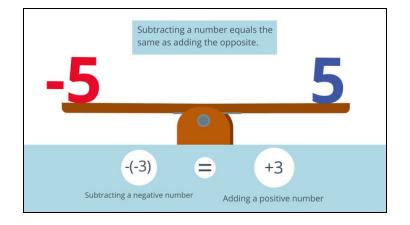
Printable Worksheets from sofatutor.com

# **Subtracting Integers**



### ) Identify the correct statements regarding subtracting integers.

Find the integer that brings the seesaw back into balance.

Describe how to solve the equation -2 - (-4) - .3

Calculate the temperature change by subtracting integers.

Evaluate John's final score by adding and subtracting integers.



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with lots of tips, answer keys, and detailed answer explanations for all of the problems.

The complete package, **including all problems**, **hints**, **answers**, **and detailed answer explanations** is available for all sofatutor.com subscribers.



## Identify the correct statements regarding subtracting integers.

Choose the correct statement.

Subtracting a positive number is the same as adding the negative of the number.

Adding two numbers always results in a larger number.

Subtracting two numbers always results in a larger number.

Subtracting a negative number is the same as subtracting a positive number.



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## Hints for solving these problems



## Identify the correct statements regarding subtracting integers.

### Hint #1

Try comparing different combinations of adding and subtracting positive and negative numbers.



### Answers and detailed answer explanations for these problems



## Identify the correct statements regarding subtracting integers.

#### Answer key: A

The statements are provided below:

• 'Subtracting a positive number is the same as adding the negative of the number.' This definition is true. 4 - (-4) is the same as 4 + 4. Try it out!

• 'Adding two numbers always results in a larger number.' This statement is false. If just one of the numbers is negative, this answer is not true. When we add 4 + (-3), the answer, 1, is smaller than 4.

• 'Subtracting two numbers always results in a larger number.' This statement is also false. While this is true if just one of the numbers is negative, this answer is not true. When we add 6-2, the answer, 4, is smaller than 6.

• 'Subtracting a negative number is the same as subtracting a positive number.' This answer is false. In the equation 8 - (-1), subtracting a positive number will result in 7, which is incorrect. When we add 8 - (-1), 9 is the correct answer.



