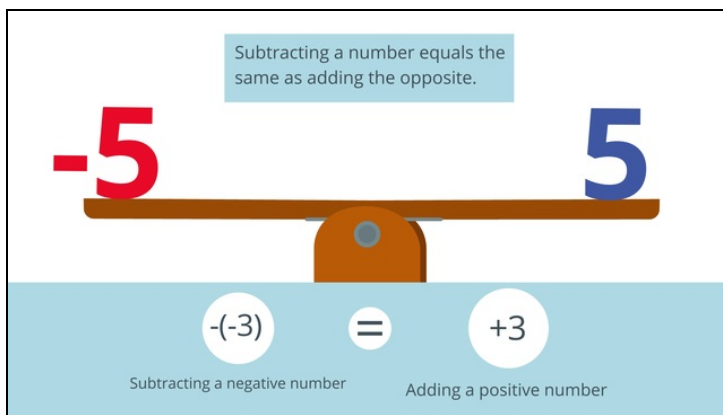




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Subtracting Integers



- 1 Identify the correct statements regarding subtracting integers.
- 2 Find the integer that brings the seesaw back into balance.
- 3 Describe how to solve the equation $-2 - (-4) - 3$
- 4 Calculate the temperature change by subtracting integers.
- 5 Evaluate John's final score by adding and subtracting integers.
- 6 Identify the equivalent expressions.
- + 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](https://www.sofatutor.com) subscribers.



Identify the correct statements regarding subtracting integers.

Choose the correct statement.

- A
Subtracting a positive number is the same as adding the negative of the number.
- B
Adding two numbers always results in a larger number.
- C
Subtracting two numbers always results in a larger number.
- D
Subtracting a negative number is the same as subtracting a positive number.



Hints for solving these problems

1
of 6

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

1
of 6

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.