

PARCC Assessment Item Illustrating 6.NS.B.4

© ITEM RETRIEVED WITH PERMISSION FROM THE PARCC GRADE 6 SPRING OPERATIONAL 2015 END OF YEAR ASSESSMENT. AVAILABLE FROM [HTTPS://PRC.PARCCONLINE.ORG/ASSESSMENTS/PARCC-RELEASED-ITEMS](https://prc.parcconline.org/assessments/parcc-released-items); ACCESSED MARCH 2017. PLEASE REFER TO THE PARCC TERMS OF USE ([HTTPS://PRC.PARCCONLINE.ORG/CONTENT/TERMS-USE](https://prc.parcconline.org/content/terms-use)) OR CONTACT PARCC DIRECTLY FOR ADDITIONAL INFORMATION REGARDING THE USE OF THIS ITEM

Select the expression that is equivalent to $48 + 12$.

- A. $6(8 + 6)$
- B. $12(4 + 1)$
- C. $4(44 + 3)$
- D. $8(6 + 4)$

Answer Key

B

Elaboration on Alignment

This item illustrates the part of standard 6.NS.B.4 related to using the distributive property to express a sum of two whole numbers with a common factor as a multiple of a sum of two whole numbers with no common factor. This grade 6 standard ties together the grade 4 expectation that students understand a whole number as a multiple of each of its factors with grade 5 work on writing simple expressions that record calculations with numbers.

Learn More

Learn more with the [Math Assessment Item Alignment Professional Development Modules](#).

All content linked to within this resource was free for use when this resource was published in October 2017. Over time, the organizations that manage that external content may move or remove it or change the permissions. If the content is no longer available, please email info@studentsachieve.net.