

Smarter Balanced Assessment Item Illustrating 6.NS.B.3

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Example Stem: Subtract.

$$48.235 - 29.67$$

Enter the exact difference.

Answer Key

18.565

Elaboration on Alignment

Grade 6 work with decimal operations builds on the conceptual foundations established in grade 5 (5.NBT.B.7). Although the grade 6 standard requires students to learn and use the standard algorithm to add, subtract, multiply and divide, assessment items should not insert directions with such a requirement especially since only the student's final answer is typically scored. To successfully measure this standard, numbers should be chosen to make an algorithmic approach more appealing to the test taker (i.e., numbers that are "less friendly"). Additionally, open response items are a better choice than traditional selected response items for measuring this standard to ensure that the evidence gathered from the item requires the student to compute accurately.

Learn More

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