

Smarter Balanced Assessment Item Illustrating 4.OA.A.3

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A teacher gives 6 students some cards to play a game. She has 52 cards total. The teacher gives each student 1 card until all 52 cards are gone.

How many students get exactly 9 cards?

- (A) 2
- (B) 4
- (C) 5
- (D) 6

Answer Key

B

Elaboration on Alignment

This item illustrates one of the higher complexity application problems for standard 4.OA.A.3, requiring students to grapple with a remainder and really understand what the question is asking for, which is an important component of Mathematical Practice Standard 1, “Make sense of problems and persevere in solving them.” It also shows the step up from grade 3 expectations where all division problems worked out neatly and there were no remainders.

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