Smarter Balanced Assessment Item Illustrating 6.RP.A.1

Example Stem 2: A punch recipe calls for 3 cups of orange juice for every 2 cups of cranberry juice.

Select **all** of the statements about the recipe that are correct.

A. There are 3 cups of orange juice for every 5 cups of punch.
B. The ratio of cranberry juice to orange juice is 2 to 3.
C. The ratio of orange juice to cranberry juice is 2:1.
D. The ratio of cranberry juice to punch is 2:5.

Answer Key

A, B, and D

Elaboration on Alignment

Standard 6.RP.A.1 requires that students gain foundations for work with ratios and use language tightly connected to the concept of ratio. This item addresses the standard by requiring students to select more than one correct answer to show flexibility with language that is typical in the study of ratio reasoning. It also requires students to understand that a ratio expresses a relationship between two quantities.

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