

Grade Seven Sample Test Item—Communicating Reasoning

Achievement Level: Standard Nearly Met

Grade Seven

Click in the box next to the **two** statements that are **always** true for all real numbers a and b .

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| | <p>Statement 1 The sum of $-a$ and b is greater than 1.</p> |
| | <p>Statement 2 The sum of $-a$ and a equals 0.</p> |
| | <p>Statement 3 $a - (-b) = a - b = -b + a$</p> |
| | <p>Statement 4 $a - b = a + -b = -b + a$</p> |

Area

Communicating Reasoning

Demonstrating ability to support mathematical conclusions

Standard(s)

Apply and extend previous understandings of addition and subtraction to add and subtract rational numbers; represent addition and subtraction on a horizontal or vertical number line diagram.

Answer

Statement 2 and Statement 4