Smarter Balanced Assessment Item Illustrating 4.NBT.B.6

Select all expressions that apply for each claim.

Claim	200 ÷ 5	777 ÷ 7	108 ÷ 9
When you divide a 3-digit number by a 1-digit number, the quotient can have **1 digit**.			
When you divide a 3-digit number by a 1-digit number, the quotient can have **2 digits**.			
When you divide a 3-digit number by a 1-digit number, the quotient can have **3 digits**.			

Answer Key

200/5: 2 digits; 777/7: 3 digits; 108/9: 2 digits

Elaboration on Alignment

This item targets the part of Standard for Mathematical Practice 3 that states "for younger students arguments can make sense and be correct, even though they are not generalized or made formal until later grades." That is, students are asked to illustrate given claims through examples in this problem but not asked to generalize the claims more broadly to all possible cases for the particular claim or even to evaluate the more general truth or lack thereof implied by each claim. In early grades, the word "prove" should not be used as part of item stems as it implies something more mathematically sophisticated than what students are typically doing in grades 3-5.

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