

Content Standard	<p><b>MAFS.5.NBT</b> <i>Number and Operations in Base Ten</i></p> <p><b>MAFS.5.NBT.2</b> <i>Perform operations with multi-digit whole numbers and with decimals to hundredths.</i></p> <p><b>MAFS.5.NBT.2.6</b> Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.</p>	
Assessment Limits	Only 3-digit or 4-digit dividend and 2-digit divisor.	
Calculator	No	
Acceptable Response Mechanisms	Equation Response Graphic Response – Drag and Drop Multi-Select Response Natural Language Response	
Context	Allowable	
Example		
Context	Include 2-digit divisors that are not multiples of 5. Zero is not included in the middle of the quotient.	
Context easier	2-digit divisor includes multiples of 5.	
Context more difficult	Quotient includes a zero in the middle of nonzero values (ex: $1,248 \div 12 = 104$ ). Quotient requires the student to look at the dividend or part of the dividend as a whole (ex: $105 \div 15$ , because 15 does not divide into the first two digits of 105, 10).	
Sample Item Stem		Response Mechanism
An expression is shown.  $2,000 \div 50$  What is the value of the expression?		Equation Response
An expression is shown.  $432 \div 12$  What is the value of the expression?		Equation Response
Select all the expressions that have a value of 34.  <ul style="list-style-type: none"> <li><input type="radio"/> <math>340 \div 16</math></li> <li><input type="radio"/> <math>380 \div 13</math></li> <li><input type="radio"/> <math>408 \div 12</math></li> <li><input type="radio"/> <math>510 \div 15</math></li> <li><input type="radio"/> <math>680 \div 24</math></li> </ul>		Multi-Select Response

Grade 5 Mathematics Item Specifications  
Florida Standards Assessments

An expression is shown.  $1,575 \div 21$  What is the value of the expression?	Equation Response	
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