

Number date: 03.02.21	WALT: Divide by 10, 100 or 1000 GD: Divide by 10, 100 or 1000 to solve multi-step problems	Teacher Assessment Fluency: Varied fluency: Reasoning/PS: Greater depth: Extension:
Roman numeral date: III.II.MMXXI	https://vimeo.com/488186549	

SA:	Self-Assessment Fluency: Varied fluency: Reasoning/PS: Greater depth: Extension:
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<u>Fluency</u>	<u>Answers</u>												
<p>Use the place value chart to divide the following numbers by 10, 100 and 1,000</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Hundreds</td> <td>Tens</td> <td>Ones</td> <td>Tenths</td> <td>Hundredths</td> <td>Thousandths</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> <p style="text-align: center;"> 44 1.36 107 5 </p>	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths							
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<u>Varied Fluency</u>	<u>Answers</u>
<p>Tick the correct answers. Can you explain the mistakes with the incorrect answers?</p> <div style="text-align: center;"> </div>	

<u>Reasoning and Problem Solving</u>	<u>Answers</u>																								
<p>Complete the table.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>÷10</th> <th>÷ 100</th> <th>÷ 1,000</th> </tr> </thead> <tbody> <tr> <td>30</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3 kg</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0.9</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>9.0</td> </tr> <tr> <td></td> <td></td> <td>9.09</td> <td></td> </tr> </tbody> </table>		÷10	÷ 100	÷ 1,000	30				3 kg					0.9						9.0			9.09		
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<u>Greater Depth</u>	<u>Answers</u>
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Using the following rules, how many ways can you make 70?

- Use a number from column A
- Use an operation from column B.
- Use number from column C.

A	B		C
0.7	×	÷	0.1
7			1
70			10
700			100
7,000			1,000

Extension

Answers

Can you find a path from 6 to 0.06?
You cannot make diagonal moves.

6	× 10	× 10	+ 100
+ 10	× 100	× 100	÷ 10
× 10	+ 10	+ 1,000	÷ 100
+ 1,000	× 1,000	× 100	0.06

Is there more than one way?