



Multiplying and Dividing - Online Learning

What i am Learning	Game Link	Guidance
(A) I can understand and apply a range of strategies to solve number problems including decimals to two decimal places.	<ul style="list-style-type: none"> <li>(1) <a href="#">Mental Multiplication Lesson BBC</a></li> <li>(2) <a href="#">Division with remainders lesson BBC</a></li> <li>(3) <a href="#">Multiplying Ratio lesson BBC</a></li> <li>(4) <a href="#">Easy mental 2 digit by 2-digit multiplication</a></li> <li>(5) <a href="#">Easy 2 digit by 3-digit mental multiplication</a></li> <li>(6) <a href="#">Guardians Game</a></li> </ul>	<ul style="list-style-type: none"> <li>(1) Watch the clip and take part in the activities to work through the different levels.</li> <li>(2) Watch the clip, read the explanations and do the quiz to test your understanding at the end.</li> <li>(3) Watch the clip-on multiplying with ratios and do the activities including the quiz.</li> <li>(4) Watch the clip to learn to how multiply 2 digits by 2 digits mentally. Do the calculations on the page to master the method.</li> <li>(5) Watch the clip carefully and work out the examples for multiplying 2 digit and 3-digit numbers.</li> <li>(6) Select your character, play the Training Arena then play both Mysterious Mountains of Multiplication and Dark Tower of Multiplication.</li> </ul>
(B) I can use arrays and grids to calculate multiplication and division problems.	<ul style="list-style-type: none"> <li>(1) <a href="#">Grid multiplication</a></li> <li>(2) <a href="#">Dividing with a remainder using an array</a></li> <li>(3) <a href="#">All the Digits</a></li> <li>(4) <a href="#">Multiplies Grid</a></li> </ul>	<ul style="list-style-type: none"> <li>(1) Read over the sheet and examples to understand how to use the grid method for multiplication.</li> <li>(2) Watch the video to remember how to divide with a remainder using an array.</li> <li>(3) Read through the problem and work out the answers. It may take a few tries.</li> <li>(4) Read through the problems and try and find the rules for each square.</li> </ul>
(C) I can use division strategies to find a fraction of a whole.	<ul style="list-style-type: none"> <li>(1) <a href="#">Guardians Game</a></li> <li>(2) <a href="#">Short Division with Decimals</a></li> </ul>	<ul style="list-style-type: none"> <li>(1) Select your character, play the Training Arena then play Dark Tower of Division.</li> <li>(2) Watch the clip and learn how to divide decimals by whole numbers.</li> </ul>
(D) I can multiply by 0, 1, 10, 100 and 1000 to calculate whole numbers and decimals with two places.	<ul style="list-style-type: none"> <li>(1) <a href="#">BBC lesson</a></li> <li>(2) <a href="#">Missing number multiplication</a></li> <li>(3) <a href="#">Bingo Times or Divide</a></li> </ul>	<ul style="list-style-type: none"> <li>(1) Watch the clips, take part in the activities and do the quiz to test your knowledge.</li> <li>(2) Use your multiplication skills to solve this problem.</li> <li>(3) Select the Times and Divide by 10 and 100 (decimals) game then play.</li> </ul>
(E) I can calculate	<ul style="list-style-type: none"> <li>(1) <a href="#">Short Division lesson BBC</a></li> </ul>	<ul style="list-style-type: none"> <li>(1) Watch the link to understand how to use short division with remainders and rounding.</li> </ul>

<b>multiplication and division using standard writing methods.</b>	<ul style="list-style-type: none"><li>(2) <a href="#">Division Challenge</a></li><li>(3) <a href="#">Drop and Drag Multiplication</a></li><li>(4) <a href="#">How to use Long Multiplication</a></li></ul>	<ul style="list-style-type: none"><li>(2) Use your division skills to solve the problems.</li><li>(3) Select the multiplication option, select 20 problems then play.</li><li>(4) Watch the video as a guide of how to do long multiplication.</li></ul>
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