



Multiply and Divide - Online Learning

What I am Learning	Game Link	Guidance
(A) I can investigate and then divide to find fractions of a whole.	(1) Divide Decimals Game (2) Decimals - Cool math Pre-Algebra Help Lessons - How to Divide a Decimal by a Whole Number (3) Decimals Board Game (math-play.com)	(1) Work through the answers and click the correct fish. (2) Step by step how to divide a decimal by a whole. (3) Solve the problems and play the board game.
(B) I can understand and use a multiplication square to solve problems and find square numbers.	(1) Multiplication Square (2) Multiplying Square Division (3) Multiples Grid (4) Hit The Button	(1) Select Multiply and then Level 2. Click on number buttons to answer the questions. Can also use Factors option instead. (2) Select Divide and then Level 2. Click on number buttons to answer the questions. (3) Read through the problem and try to find the rules for each square. (4) Select square numbers and then play the game.
(C) I can apply a variety of strategies to solve multiplication and division problems.	(1) Dividing with a remainder using an array (2) Array Multiplication (2 by 2) (3) BBC Composite Multiplication Guide (4) Part Part Whole MD Guide (5) Tommy's Trek	(1) Watch the video to remember how to divide with a remainder using an array. (2) Watch the video to remember how to multiply using an array. (3) Read of the sheet and examples to understand composite multiplication. (4) Quick guide to how PPW can be used to multiply and divide. (5) Read the how to play section. Press start then click on the 4 times, 5, times, 6 times, 7 times, 8 times and 9 times tables. Then press OK to play.
(D) I can understand the relationships between the tables and apply to problem solving.	(1) Number Fact Families (2) Multiply Mental Maths Train (3) Dividing Mental Maths Train (4) Hit the Button Guide to understanding Times Tables Relationships. -13 page printable guide (5) Hit the Button Guide to understanding Times Tables Relationships. -13 page printable guide	(1) Select the purple X and \div tab then the 6 to 12 Times Tables. Add the number tile to the correct box to complete the four number sentences. (2) Select X then the Up to 10 option. (3) Select \div then the Up to 10 option. (4) Select the Times Tables option and the Up to 10 tab. Also play the Division Facts game and select the Up to 10 tab on that one. (5) Printable 13 page pdf guide that explains all about times tables and the relationship between them.
(E) I can multiply and divide by 0, 1, 10 and 100.	(1) BBC Short Division Lesson (2) Divide Decimals by 10 Game (3) Tommys Trek	(1) Watch the clip to understand how to use short division with remainders and rounding. (2) Follow the instructions and play the game. (3) Read the how to play section. Press start then click on the 10 times table before pressing OK to play.