

Supporting Activities

Multiply 4 Digits by 1 Digit

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Multiplication Foundation: An activity for a group to use in class or intervention to help children's understanding of multiplying 4 digits by 1 digit.

Resources: You will need a 10-sided dice (where 10 counts as 0), a place value grid and counters, whiteboards and whiteboard pens.

Activity: Roll the dice and generate 5 digits. One digit is the multiplier and four digits represent the top number (the number being multiplied). Children create the multiplication using place value counters and then write as a calculation and complete.

Example:

Child rolls a 1, 4, 3, 8 and 7.

Child generates the multiplication $3,781 \times 4$ and uses counters to create the calculation on a place value grid.

Child writes this as a formal calculation and completes.

Repeat with other numbers.

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		3	7	8	1
x					4
	1	5	1	2	4
	3	3			