Eleven Plus Maths How To Do – Multiply Decimal Numbers

Example: 3.27 x 2.1

(i)   Ignore the decimal point and set the sum out as for long multiplication.

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  327          or      327
x  21                x  21
 6540                  327
  327                 6540
 6867                 6867
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(ii)   Count the number of figures that come <u>after</u> the decimal point in <u>both</u>
        figures you are multiplying.

        3.27 has 2 decimal figures
        2.1 has 1 decimal figure

    There is a total of 3 decimal figures.

(iii)   The answer to the multiplication must have the same number of figures after
        the decimal point. In this example three figures. Count three from the right
        of your answer and on the line below write the answer.

        6867 becomes 6.867 in the answer.