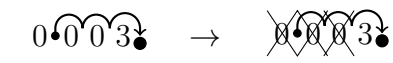
To write numbers more mathematically after × or ÷ by 10 or 100 or 1000 use these two rules

(i) Look at the digits **before** (to the left of) the decimal point: Are there any 1 to 9 digits?

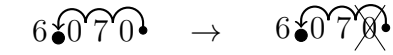
Yes: Cross out any 0 digits before (to the left of) the first (most left) 1 to 9 digit



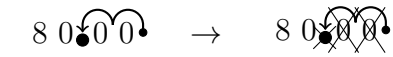
No: Keep **one** 0 and cross out the rest OR write 0 if there is no 0

(ii) Look at the digits **after** (to the right of) the decimal point: Are there any 1 to 9 digits?

Yes: Cross out any 0 digits after (to the right of) the last (most right) 1 to 9 digit



No: Cross out the decimal point and any 0 digits



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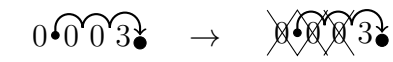

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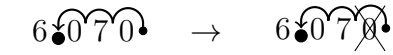

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