

6297 = num
 count = 0
~~1~~
~~2~~
~~3~~
 4

6297
 $\downarrow /10$
 629
 $\downarrow /10$
 62
 $\downarrow /10$
 6
 $\downarrow /10$
 0

6297

$\begin{array}{r} 629 \\ 10 \overline{) 6297} \\ \underline{6296} \\ 7 \end{array}$
 $\begin{array}{r} 0 \\ 10 \overline{) 6} \\ \underline{0} \\ 6 \end{array}$

6297
 $\downarrow /10$
 629
 $\downarrow /10$
 62
 $\downarrow /10$
 6
 $\downarrow /10$
 0

$\begin{array}{r} 62 \\ 10 \overline{) 629} \\ \underline{610} \\ 9 \end{array}$

629 / 10 = 9
 629 / 10 = 62

Summary:

last digit: num % 10
 last digit : num / 10
 kick
 (↓)

6295

num % 10

$\begin{array}{r} 629 \\ 10 \overline{) 6295} \\ \underline{6290} \\ 5 \end{array}$

6295
 \downarrow
 629
 \downarrow
 62
 \downarrow
 6
 \downarrow
 0

6295
 \swarrow
 \searrow

Ex: num = 3289 o/p: 4
 num = 32895 o/p: 5
 num = 1 o/p: 1

6295 / 10