

$$3 \times \frac{5}{3} = 5 \quad \text{car la division ne s'arrête pas!}$$

En effet,

$$\begin{array}{r} 5 \\ - 3 \\ \hline 20 \\ - 18 \\ \hline 20 \\ - 18 \\ \hline 20 \\ \vdots \end{array}$$

$$\begin{array}{r} 3 \\ \hline 1,666\dots \end{array}$$

$$17 \times \frac{13}{17} = 13 \text{ car la division ne s'arrête pas!}$$

En effet,

$$\begin{array}{r} 13 \\ - 0 \\ \hline 130 \\ - 119 \\ \hline \end{array}$$

$$\begin{array}{r} 110 \\ - 102 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ - 68 \\ \hline \end{array}$$

$$\begin{array}{r} 120 \\ - 119 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 85 \\ \hline \end{array}$$

$$\begin{array}{r} 150 \\ - 136 \\ \hline \end{array}$$

$$\begin{array}{r} 140 \\ - 136 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ - 51 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ - 85 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} 160 \\ - 153 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 68 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ - 17 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ - 17 \\ \hline \end{array}$$

$$\begin{array}{r} 130 \\ - 119 \\ \hline \end{array}$$

$$\begin{array}{r} 110 \\ - 102 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \hline \end{array}$$

donc c'est la période

mêmes soustractions que

17

$$0, \overbrace{7647058823529411}^{1 \text{ période}} \overbrace{7647058823529411}^{1 \text{ période}}$$

	$\times 17$	
1	17	
2	34	
3	51	
4	68	
5	85	
6	102	
7	119	
8	136	
9	153	