

Soit (u_n) la suite définie par :

$$(u_n) : \begin{cases} u_0 = 1 \\ u_{n+1} = \frac{1}{2-3u_n} \end{cases}$$

Calculer u_3



$$u_1 = \frac{1}{2-3 \times u_0}$$

Valider ✓

Suivant ►

$$u_1 = \frac{1}{2-3 \times 1}$$

$$u_1 = \frac{1}{-1}$$

$$u_1 = -1$$

$$u_2 = \frac{1}{2-3 \times u_1}$$

$$u_2 = \frac{1}{2-3 \times -1}$$

$$u_2 = \frac{1}{2+3}$$

$$u_2 = \frac{1}{5}$$

$$u_3 = \frac{1}{2-3 \times u_2}$$

$$u_3 = \frac{1}{2-3 \times \frac{1}{5}}$$

$$u_3 = \frac{1}{\frac{7}{5}}$$

$$u_3 = \frac{5}{7}$$