

Question 2

Chris is Biana's and Daniel's father. To reward them for doing their chores, Chris gives them tokens that they can trade in for money at the end of the month.

To determine the value of the reward that Biana and Daniel earn when they trade in their tokens, Chris uses function f described below.

$$f(x) = 4 \left[\frac{1}{10} (x-1) \right] + k$$

where x: the number of tokens traded in f(x): the value of the reward, in dollars

Last month:

- $\ \square$ Biana had 53 tokens that she traded in for a reward of \$24
- □ Daniel traded in his tokens for a reward of \$32
- ☐ If Biana and Daniel had combined their tokens, they would have traded them in for a reward of \$52

What are the possible number of tokens that Daniel earned last month?

Find
$$k = 4$$
 [2 Daniel

 $24 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $24 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $24 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $24 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $24 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $24 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $24 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $24 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $24 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $24 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $24 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $24 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1) \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix} + k$
 $33 = 4 \begin{bmatrix} 1/668 - 1 \end{bmatrix}$

