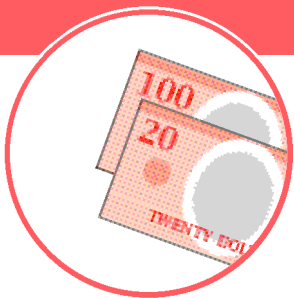# Constants

Jamie receives $1200 per month working at the lumber yard. In January, she decided to open a savings account. She puts $120 into her savings account each month. Using the TI-73 Explorer™ and the constant key, find out how much money Jamie will have in her savings account at the end of one year.

Engage

1. Before you begin, delete all constants from memory by pressing [2nd] [MEM] and [4] for 4: Delete, then press [5] for 5: Consts
2. To set your constants press [2nd] [SET]
3. Highlight Single and press [ENTER]
4. On C1=, type [+] [1] [2] [0]
5. Select the = sign next to C1 by pressing [ENTER] once it is highlighted
6. Press [2nd] [QUIT] to return to the Home screen

Explore

1. Type the beginning balance on the Home screen and press [CONST]. This will show you how much Jamie had after one month
2. To find the amount she had after month two, press [CONST]
3. Repeat the above step until you have her balance for the first year

Extend

1. After seven months, how much money will Jamie have in her savings account?
2. What was her end-of-year savings account balance?
3. How much money will Jamie have after 18 months if she continues to add $120 to her savings account every month?

CL5086/E