

Savings account II

This task is about using an equation to calculate the amount of money in a bank account.



Hayley's Papa said "Here is \$20 to open a savings account. For every one dollar you put into your account I will give you another 50 cents to put in."

The total amount in Hayley's account can be written as the equation:

$$T = 20 + 1.5m$$

where

T = total amount in Hayley's savings account (\$)

m = amount Hayley puts in (\$)

a) Use the equation to help you complete the total amount in her account for each amount she has put in.

Amount Hayley puts in, m (\$)	0	10	20	30	40
Total amount in account, T (\$)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

b) If Hayley puts in \$200 what would be the total amount in her account? \$

c) If the total amount in her account was \$620, how much had Hayley put in the account? \$

d) If the total amount in the account was \$170, altogether how much had Hayley's Papa put in the account? \$