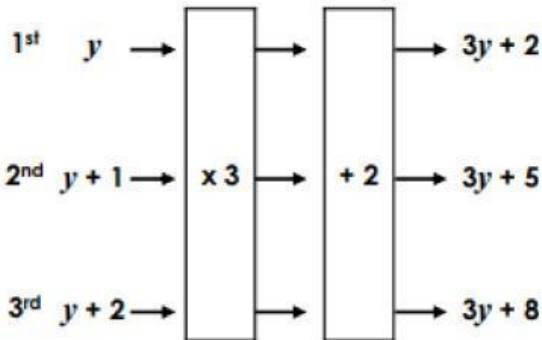




Algebra

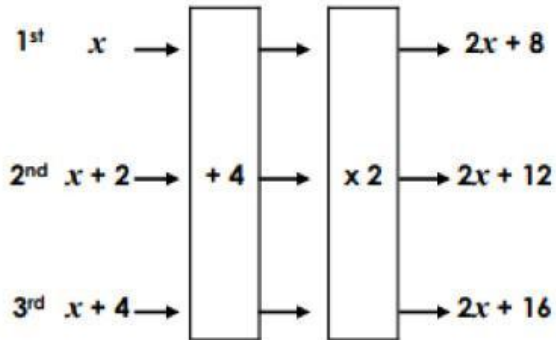
Form Expressions

4a. What is the 9th expression in the sequence?



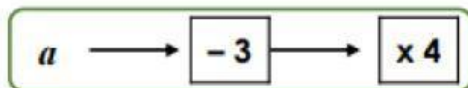
PS

4b. What is the 10th expression in the sequence?



PS

5a. Jane has created a function machine.



She says,



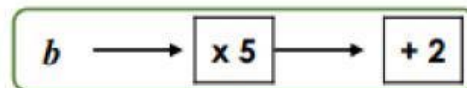
The expression formed from this function machine is $4a - 3$.

Explain Jane's mistake.



R

5b. Peri has created a function machine.



He says,



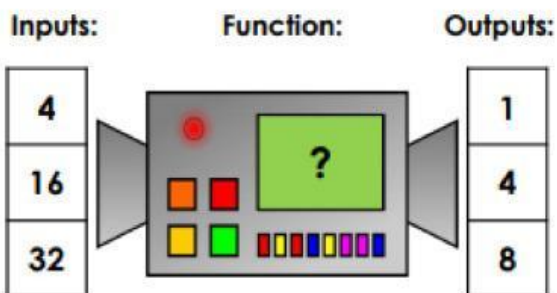
The expression formed from this function machine is $b \times 5 + 2$.

Explain Peri's mistake.



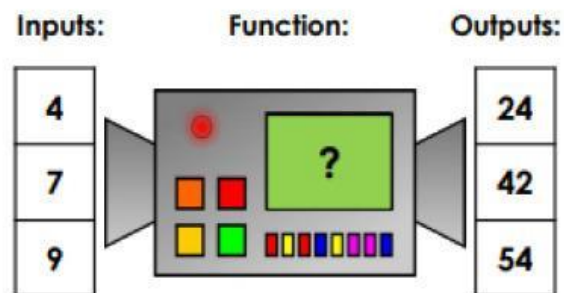
R

6a. Tom has put some terms into a function machine. What is the output if the input is 48?



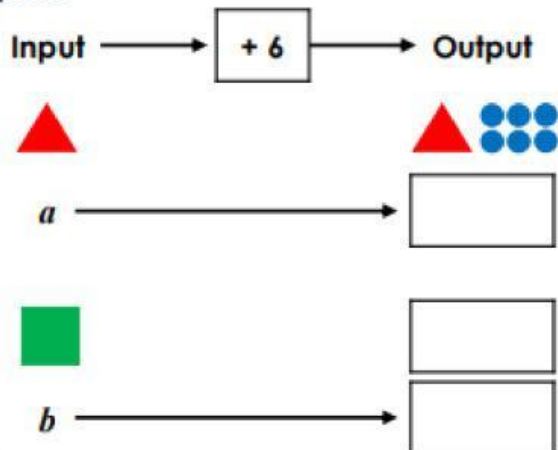
PS

6b. Leia has put some terms into a function machine. What is the output if the input is 12?



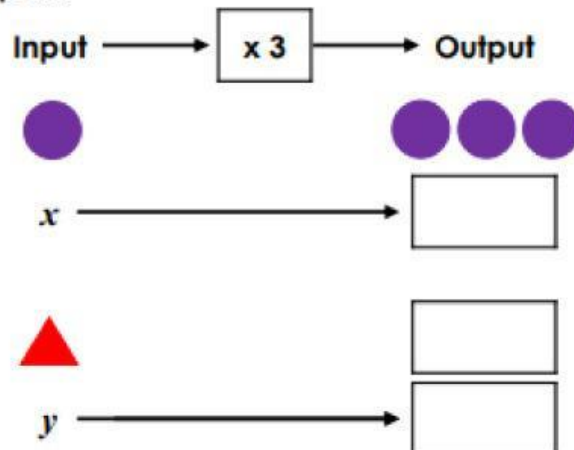
PS

4a. Form the expressions from the given inputs.



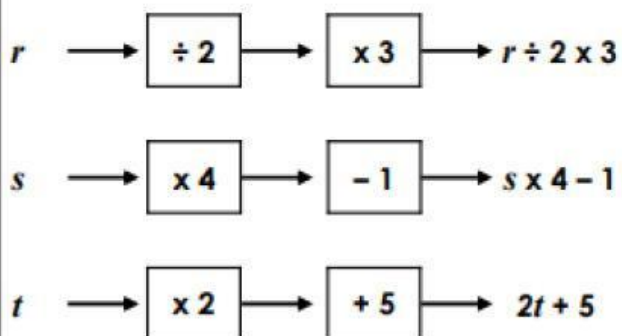
VF

4b. Form the expressions from the given inputs.



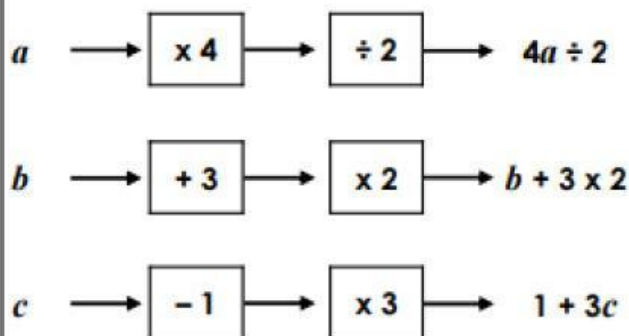
VF

5a. Circle the function machine that does not show the correct expression.



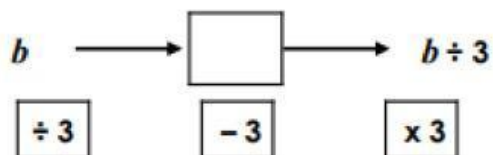
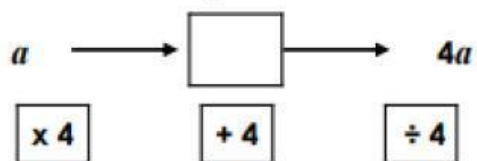
VF

5b. Circle the function machine that does not show the correct expression.



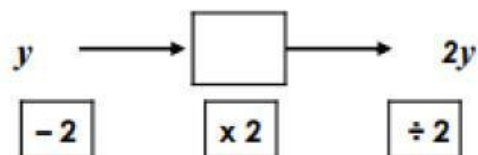
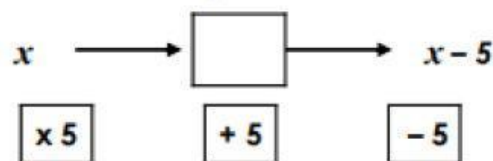
VF

6a. Find the missing functions.



VF

6b. Find the missing functions.



VF