Exercises on Algebraic Operations

Nama:

Kelas: Tanggal:

FRUIT FOR THE ZOO ANIMALS

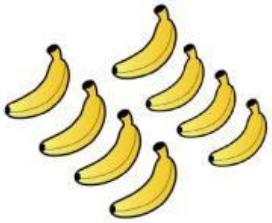
Help the zookeeper! Select the correct answer and drag it to the answer box.

1. The Monkey 🐒
The monkey eats $2x + 4$ bananas every day.
Today, $x = 2$.
How many bananas did the monkey eat?

Answer:

A.

B.



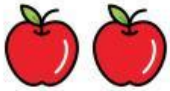
C.

D.

2. The Elephant 🐘
The elephant eats $3x - 1$ apples.
If $x = 3$, how many apples did the elephant eat?

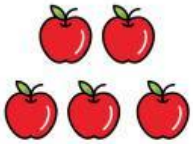
Answer:

A.



B.

C.



D.

LIVEWORKSHEETS

Exercises on Algebraic Operations

Drag and Drop

(Fill in the blanks to make the expressions correct!)

1. $2x$ _____ $3x = 5x$

2. $6x -$ _____ $= 3x$

3. _____ $+ 3(x - y + 2z) = 5x + 0y + 8z$

4. $(2x + 3y - z) +$ _____ $- (x + 2y + 2z) =$
   $5x + 0y + 2z$

$2x$	$+$	$(4x - y + 5z)$	$2(x + y + z)$

LIVEWORKSHEETS

Exercises on Algebraic Operations

Match each question on the left with the correct answer on the right.

Liam has x candies. His friend gives him 5 more. Now he has 11 candies. What is the value of x?

Simplify the expression: $3x + 88y - 6x \div 4y$

Anna buys x = 3 notebooks, each costs Rp12,000.
She also buys y = 2 pens, each costs Rp7,000.
She uses a shopping voucher of Rp10,000.
Then she splits the total cost evenly with her friend.
How much does each person pay?

What is the value of the expression: $2x - 1$ when $x = 4$?

Rina buys:
x = 4 sketchbooks, each for Rp10,000
y = 3 boxes of crayons, each for Rp12,000
z = 2 rulers, each for Rp5,000
She receives a bundle discount of Rp8,000 and splits the final cost equally with 1 friend.
How much does each person pay?

- Rp39.000
- Rp25.000
- 6
- $3x + 88y - \frac{3x}{2y}$
- 7
- Rp20. 000
- $-3x + 11y$

LIVEWORKSHEETS

Exercises on Algebraic Operations

Let's take a quick break!

Choose the emoji that best shows how you feel after today's lesson!

LIVEWORKSHEETS