

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?

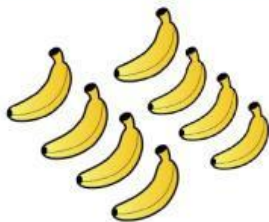


Answer:

A.



B.



C.



D.



2. The Elephant 🐘

The elephant eats $3x - 1$ apples.

If $x = 3$, how many apples did the elephant eat?

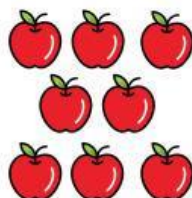


Answer:

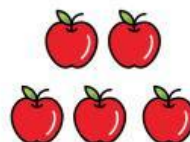
A.



B.



C.



D.



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

$2x$

$+$

$(4x - y + 5z)$

$2(x + y + z)$

Exercises on Algebraic Operations

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



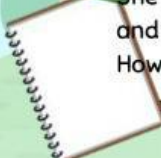
Liam has x candies. His friend gives him 5 more. Now he has 11 candies. What is the value of x ?

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

$-3x + 11y$

Exercises on Algebraic Operations

Let's take a quick break!



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

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