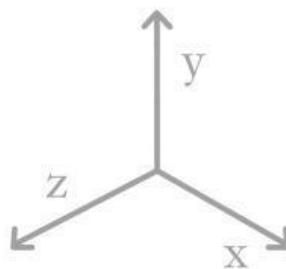


6



$$\pi = 3,14$$



7

$$x^2$$

Determine Value of Multiterms

$$F(x)$$

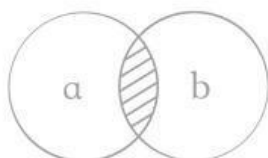
Math

Name:

$$\sqrt[n]{a}$$



3



$$a^2 + b^2 = c^2$$

X

ALGEBRA

Learning Outcomes:

Determine value of multiterm algebra form if the value of all variable is known.

LET'S RECALL!



Elements of Algebra

$$5y + 4$$

Diagram illustrating the elements of the algebraic expression $5y + 4$. Arrows point from the coefficient 5, the variable y, and the constant 4 to dotted lines below, indicating their respective parts.

Recall: Multiplication Concept

Petunjuk: Isi kotak yang tersedia dengan jawaban yang tepat!

2 x 3a =

x

4b x 5c =

=

2 x 4yz =

=

40bc



ALGEBRA

LOOK AT THIS VIDEO!



We can determine the value of an algebraic form if all the values of the variables are known.



Practice 1: Matching

Match the pictures with the best answer!

$x =$ 
 $y =$ 

$5x + 4y$

$a =$ 
 $b =$ 

$3b + 5a$

$p =$ 
 $q =$ 

$2p + 6q$

• 35

• 36

• 22

• 20



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Practice 2: Answer this Questions

Look at this question, and solve based on the video!



Look at this question, and solve based on the video!

If $x = 2$ $y = 3$ and $z = 4$, determine value of $3x + 4y + 5z$!

Answer:

$$x = 2 \quad y = 3 \quad z = 4$$

$$\begin{aligned} & 3x + 4y + 5z \\ &= 3(\dots) + 4(\dots) + 5(\dots) \\ &= \dots + \dots + \dots \\ &= \dots \end{aligned}$$



Look at this question, and solve based on the video!

If $a = 3$ $b = 5$, determine value of $a^2 + 2b - ab$

Answer:

$$a = 3 \quad b = 5$$

$$\begin{aligned} & a^2 + 2b - ab \\ &= (\dots)^2 + 2(\dots) - (\dots)(\dots) \\ &= \dots + \dots - \dots \\ &= \dots \end{aligned}$$



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Conclusion:

1

Can a variable change?

Bisakah sebuah variabel berubah-ubah?

2

Mention the algebraic variables that you know!

Sebutkan contoh variabel dalam aljabar yang kamu ketahui!

3

Can you determine the value of an algebraic form?

How do you determine it?

Dapatkah kamu menentukan nilai dari bentuk aljabar?

Bagaimana cara menentukannya?



HOW DO YOU FEEL AFTER STUDY TODAY?



NERVOUS



PROUD



SCARED



CONFUSED



EXCITED



TIRED



SHY



HAPPY