7. How to substitute numbers into formula

Practice Questions:

1. Evaluate the expression $x + 5$ when $x = 4$.

2. Find the value of $3y + 7$ when $y = 2$.

3. Evaluate the expression $4a - 2b$ when $a = 5$ and $b = 2$.

4. Evaluate the expression $2(x + y) - 3z$ when $x = 3$, $y = 4$, and $z = 2$.

5. Find the value of $x^2 + 2y$ when $x = 2$ and $y = 5$

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Practice Questions:

6. Find the value of the expression $2a - 3b + c^2$ when $a = 4$, $b = 2$, and $c = 1$.

7. Evaluate the expression $3(x - y)$ when $x = 5$ and $y = 3$.

8. Find the value of $2y^2 + 5z$ when $y = 3$, and $z = 4$.

9. Evaluate the expression $2a + 3b - c^2$ when $a = 1$, $b = 2$, and $c = 3$.

10. Evaluate the expression $5(x + y) - z$ when $x = 3$, $y = 4$, and $z = 2$.

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Practice Questions: Answers

1. Evaluate the expression x + 5 when x = 4.

1. The value of the expression is 9.

2. Find the value of 3y + 7 when y = 2.

2. The value of the expression is 13.

3. Evaluate the expression 4a - 2b when a = 5 and b = 2.

3. The value of the expression is 16.

4. Evaluate the expression 2(x + y) - 3z when x = 3, y = 4, and z = 2.

4. The value of the expression is 8

5. Find the value of $x^2 + 2y$ when x = 2 and y = 5

5. The value of the expression is 14

6. Find the value of the expression $2a - 3b + c^2$ when a = 4, b = 2, and c = 1.

6. The value of the expression is 3

7. Evaluate the expression 3(x - y) when x = 5 and y = 3.

7. The value of the expression is 6

8. Find the value of $2y^2 + 5z$ when y = 3, and z = 4.

8. The value of the expression is 38

9. Evaluate the expression $2a + 3b - c^2$ when a = 1, b = 2, and c = 3.

9. The value of the expression is -1

10. Evaluate the expression 5(x + y) - z when x = 3, y = 4, and z = 2.

10. The value of the expression is 33