

13+..algebra-substitution

Given that $a = 2$ and $b = 8$, evaluate

1. $3a - 2b$

2. $2a^3$

3. $2a(a + b)$

4. $2a + 3b^2$

5. $-2a - \frac{b}{2}$

6. $3^a - 3$

7. 3^{ab}

8. $\frac{2a-3}{b}$

9. $2 - \frac{1}{a+b}$

10. $\sqrt{10a - 2b}$

11. $2ab^3 - 5$

13+..algebra-substitution

Given that $x = -2$ and $y = 0$ evaluate the following

1. $4x - y$
2. $2 + \frac{y}{x}$
3. $x^2 - 4y$
4. $y^2 + 3x^3$
5. $4y \div 3x$
6. $4x \div 3y$
7. $5x - 5x^2$
8. $28x - 5x$
9. $3yx - 5x + 12$
10. $2x^2 + 2x - 5$

Evaluate the following :

$X = 4, y = 0$	$X = -3, y = -1$	$X = 1, y = -2$
$4x - 13$	$4x - 13$	$4x - 13$
$y - 6xy$	$y - 6xy$	$y - 6xy$
$12y - 2\sqrt{x}$	$12y - 2\sqrt{x}$	$12y - 2\sqrt{x}$
$-2x + 12x^3$	$-2x + 12x^3$	$-2x + 12x^3$

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HOMEWORK PRACTISE

$x=-1, y = 0$	$X = 3, y =2$	$X = -1, y=-2$	$X = 2, y =3$
$4x - 3y + 13$	$4x - 3y + 13$	$4x - 3y + 13$	$4x - 3y + 13$
$x^2 + 2x + 3$	$x^2 + 2x + 3$	$x^2 + 2x + 3$	$x^2 + 2x + 3$
$5y - 3x^3$	$5y - 3x^3$	$5y - 3x^3$	$5y - 3x^3$
$3x + 4y^2 - 5$	$3x + 4y^2 - 5$	$3x + 4y^2 - 5$	$3x + 4y^2 - 5$
$7y - 2$	$7y - 2$	$7y - 2$	$7y - 2$
$\frac{y}{x} + 3y + 4$	$\frac{y}{x} + 3y + 4$	$\frac{y}{x} + 3y + 4$	$\frac{y}{x} + 3y + 4$