

Algebraic Expressions

Topic: Finding The Value

Name: Date: 1. Find the value of $3x - 4y$ if $x=0$, $y=1$. -4 -1 4 12. Evaluate a^3+b^3+3ab for $a=3$, $b=2$. 3. Evaluate $2a^2+ab$ for $a=2$, $b=3$. 14 13 11 174. Find the value of $3x^2 - 4y^2$ if $x=1$, $y=2$. 5. Find the value of $-3ab+4abc-3c$ if $a=0$, $b=1$, $c=2$. 6. Evaluate $x^3-y^3+z^3$ for $x=2$, $y=-3$, $z=-2$. 27 16 25 31

Drag and drop the correct answer from the options given.

7. Evaluate $ax+by+cz$ for $x=1$, $y=-1$, $z=2$, $a=-2$, $b=1$, $c=-2$. 8. If $p=-3$, $q=-1$ and $r=-2$, find the value of $3p^2q^2r^2-2pqr+7$. 9. Evaluate $ax^2+by^2+cz^2$ for $x=1$, $y=-1$, $z=2$, $a=-2$, $b=1$, $c=-2$. 10. If $a=2$, $b=-1$, $c=-2$, find the value of $1/5a^2-b+c$. -7 -0.2 103 -9