

## 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