Math worksheet on *'Algebraic Functions - Variable Substitution to Equation - Bracketed Terms (Level 1)'*. Part of a broader unit on *'Algebra Basic Concepts - Practice'*

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1 What does this equation become when c=4, x=2 $5(5c+3x)$

a $5+4+3+2$	**b** $5+(5\times4+3\times2)$
c $5\times4-3\times2$	**d** $-5\times4-3\times2$
e $5+(5\times4\times3\times2)$	**f** $5\times(5\times4+3\times2)$

2 What does this equation become when b=5, x=3 $6(2b+5x)$

a $6+(2\times5\times5\times3)$	**b** $2+5+5+3$
c $2\times5-5\times3$	**d** $-2\times5-5\times3$
e $6\times(2\times5+5\times3)$	**f** $6+(2\times5+5\times3)$

3 What does this equation become when n=2, d=4 $6(5n+3d)$

a $6\times(5\times2+3\times4)$	**b** $5\times2-3\times4$
c $-5\times2-3\times4$	**d** $6+(5\times2+3\times4)$
e $5+2+3+4$	**f** $6+(5\times2\times3\times4)$

4 What does this equation become when z=4, c=3 $3(6z+2c)$

a $3\times(6\times4+2\times3)$	**b** $6\times4-2\times3$
c $3+(6\times4\times2\times3)$	**d** $6+4+2+3$
e $3+(6\times4+2\times3)$	**f** $-6\times4-2\times3$

5 What does this equation become when c=3, b=4 $5(6c+2b)$

a $5+(6\times3\times2\times4)$	**b** $5\times(6\times3+2\times4)$
c $5+(6\times3+2\times4)$	**d** $-6\times3-2\times4$
e $6+3+2+4$	**f** $6\times3-2\times4$

6 What does this equation become when x=3, c=2 $5(6x+3c)$

a $5\times(6\times3+3\times2)$	**b** $6+3+3+2$
c $5+(6\times3\times3\times2)$	**d** $6\times3-3\times2$
e $-6\times3-3\times2$	**f** $5+(6\times3+3\times2)$

7 What does this equation become when y=2, b=5 $3(3y+5b)$

a $-3\times2-5\times5$	**b** $3\times2-5\times5$
c $3\times(3\times2+5\times5)$	**d** $3+2+5+5$
e $3+(3\times2+5\times5)$	**f** $3+(3\times2\times5\times5)$