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

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

a $-2\times4-5\times2$	**b** $3+(2\times4+5\times2)$
c $2+4+5+2$	**d** $2\times4-5\times2$
e $3\times(2\times4+5\times2)$	**f** $3+(2\times4\times5\times2)$

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

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

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

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

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

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

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

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

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

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

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

a $6+2+5+4$	**b** $2+(6\times2\times5\times4)$
c $2+(6\times2+5\times4)$	**d** $6\times2-5\times4$
e $-6\times2-5\times4$	**f** $2\times(6\times2+5\times4)$