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Math worksheet on *'Algebraic Functions - Variable Substitution to Equation - Bracketed Terms (Level 2)'*. Part of a broader unit on *'Exponents - Practice'*

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1 What does this equation become when d=5, n=3 $3(3d-6n)$

a $3\times(3\times5-6\times3)$
b $3\times5-6\times3$
c $3+(3\times5\times6\times3)$
d $-3\times5-6\times3$
e $3+(3\times5+6\times3)$
f $3\times(3\times5+6\times3)$

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

a $2+(5\times3+6\times4)$
b $2+(5\times3\times6\times4)$
c $2\times(5\times3+6\times4)$
d $-5\times3-6\times4$
e $5\times3-6\times4$
f $2\times(5\times3-6\times4)$

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

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

4 What does this equation become when c=5, z=4 $6(6c-6z)$

a $6\times(6\times5-6\times4)$
b $6\times5-6\times4$
c $-6\times5-6\times4$
d $6+(6\times5+6\times4)$
e $6+(6\times5\times6\times4)$
f $6\times(6\times5+6\times4)$

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

a $4+(2\times2\times6\times3)$
b $4+(2\times2+6\times3)$
c $-2\times2-6\times3$
d $4\times(2\times2-6\times3)$
e $2\times2-6\times3$
f $4\times(2\times2+6\times3)$

6 What does this equation become when m=5, n=4 $6(6m-5n)$

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

7 What does this equation become when r=3, x=2 $2(3r-4x)$

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