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

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1 What does this equation become when d=3, m=5

$$6d + 3m$$

a	$6 \times 3 + 3 \times 5$	**b**	$3^6 + 5^3$
c	$6 - 3 + 3 - 5$	**d**	$6 + 3 + 3 + 5$
e	$6^3 + 3^5$	**f**	$6 \times 3 - 3 \times 5$

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2 What does this equation become when r=5, p=3

$$5r - 5p$$

a $5 + 5 - 5 + 3$	**b** $5 - 5 + 5 - 3$
c $5 \times 5 - 5 \times 3$	**d** $5^5 + 5^3$
e $5 \times 5 \times 5 \times 3$	**f** $5 - 5 - 5 - 3$

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3 What does this equation become when c=3, y=2

$$5c + 3y$$

a $5 \times 3 + 3 \times 2$	**b** $5 - 3 + 3 - 2$
c $5 + 3 + 3 + 2$	**d** $3^5 + 2^3$
e $5^3 + 3^2$	**f** $5 \times 3 - 3 \times 2$

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4 What does this equation become when p=2, c=4

$$5p + 5c$$

a $5^2 + 5^4$	**b** $2^5 + 4^5$
c $5 + 2 + 5 + 4$	**d** $5 \times 2 + 5 \times 4$
e $5 - 2 + 5 - 4$	**f** $5 \times 2 - 5 \times 4$

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5 What does this equation become when b=3, c=2

$$5b - 4c$$

a $5 \times 3 \times 4 \times 2$	**b** $5 \times 3 - 4 \times 2$
c $5 - 3 + 4 - 2$	**d** $5 + 3 - 4 + 2$
e $5^3 + 4^2$	**f** $5 - 3 - 4 - 2$

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6 What does this equation become when n=3, m=2

$$5n + 4m$$

a	$3^5 + 2^4$	**b**	$5^3 + 4^2$
c	$5 + 3 + 4 + 2$	**d**	$5 \times 3 + 4 \times 2$
e	$5 - 3 + 4 - 2$	**f**	$5 \times 3 - 4 \times 2$

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7 What does this equation become when b=3, n=4

$$2b - 6n$$

a $2 \times 3 \times 6 \times 4$	**b** $2^3 + 6^4$
c $2 - 3 - 6 - 4$	**d** $2 + 3 - 6 + 4$
e $2 - 3 + 6 - 4$	**f** $2 \times 3 - 6 \times 4$