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

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1 What does this equation become when r=-2, d=4

$$-2r - 4d$$

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

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

$$-4r - 5n$$

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

3 What does this equation become when b=3, p=-4

$$5b - 3p$$

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

4 What does this equation become when y=-5, m=5

$$-2y + 4m$$

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

5 What does this equation become when m=-2, c=2

$$-4m - 5c$$

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

6 What does this equation become when d=-3, m=3

$$4d + 5m$$

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

7 What does this equation become when x=5, m=-5

$$2x + 5m$$

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