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

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1 What does this equation become when m=2, x=-2

$$7m - 7x$$

a	$7 - 2 - 7 - -2$	**b**	$7^{2} + 7^{-2}$
c	$7 - 2 + 7 - -2$	**d**	$7 \times 2 \times 7 \times -2$
e	$7 \times 2 - 7 \times -2$	**f**	$7 + 2 - 7 + -2$

2 What does this equation become when m=-2, n=-8

$$6m + 5n$$

a	$-2^{6} + -8^{5}$	**b**	$6 \times -2 + 5 \times -8$
c	$6 \times -2 - 5 \times -8$	**d**	$6^{-2} + 5^{-8}$
e	$6 - -2 + 5 - -8$	**f**	$6 + -2 + 5 + -8$

3 What does this equation become when r=5, d=-4

$$6r - 7d$$

a	$6^{5} + 7^{-4}$	**b**	$6 \times 5 \times 7 \times -4$
c	$6 \times 5 - 7 \times -4$	**d**	$6 - 5 + 7 - -4$
e	$6 - 5 - 7 - -4$	**f**	$6 + 5 - 7 + -4$

4 What does this equation become when b=5, p=-8

$$6b + 3p$$

a	$6 - 5 + 3 - -8$	**b**	$6 + 5 + 3 + -8$
c	$6^{5} + 3^{-8}$	**d**	$6 \times 5 - 3 \times -8$
e	$6 \times 5 + 3 \times -8$	**f**	$5^{6} + -8^{3}$

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

$$-7y + 5r$$

a	$-7 \times 2 + 5 \times -3$	**b**	$7 \times 2 - 5 \times -3$
c	$7^{2} + 5^{-3}$	**d**	$-7 \times 2 - 5 \times -3$
e	$7 + 2 + 5 + -3$	**f**	$7 - 2 + 5 - -3$

6 What does this equation become when n=5, c=-7

$$-4n - 2c$$

a	$-4 \times 5 - 2 \times -7$	**b**	$4 - 5 + 2 - -7$
c	$-4 \times 5 + 2 \times -7$	**d**	$4 + 5 + 2 + -7$
e	$4^{5} + 2^{-7}$	**f**	$4 \times 5 - 2 \times -7$

7 What does this equation become when n=-6, r=2

$$-5n + 5r$$

a	$5 + -6 + 5 + 2$	**b**	$-5 \times -6 + 5 \times 2$
c	$5 - -6 + 5 - 2$	**d**	$-5 \times -6 - 5 \times 2$
e	$5 \times -6 - 5 \times 2$	**f**	$5^{-6} + 5^{2}$